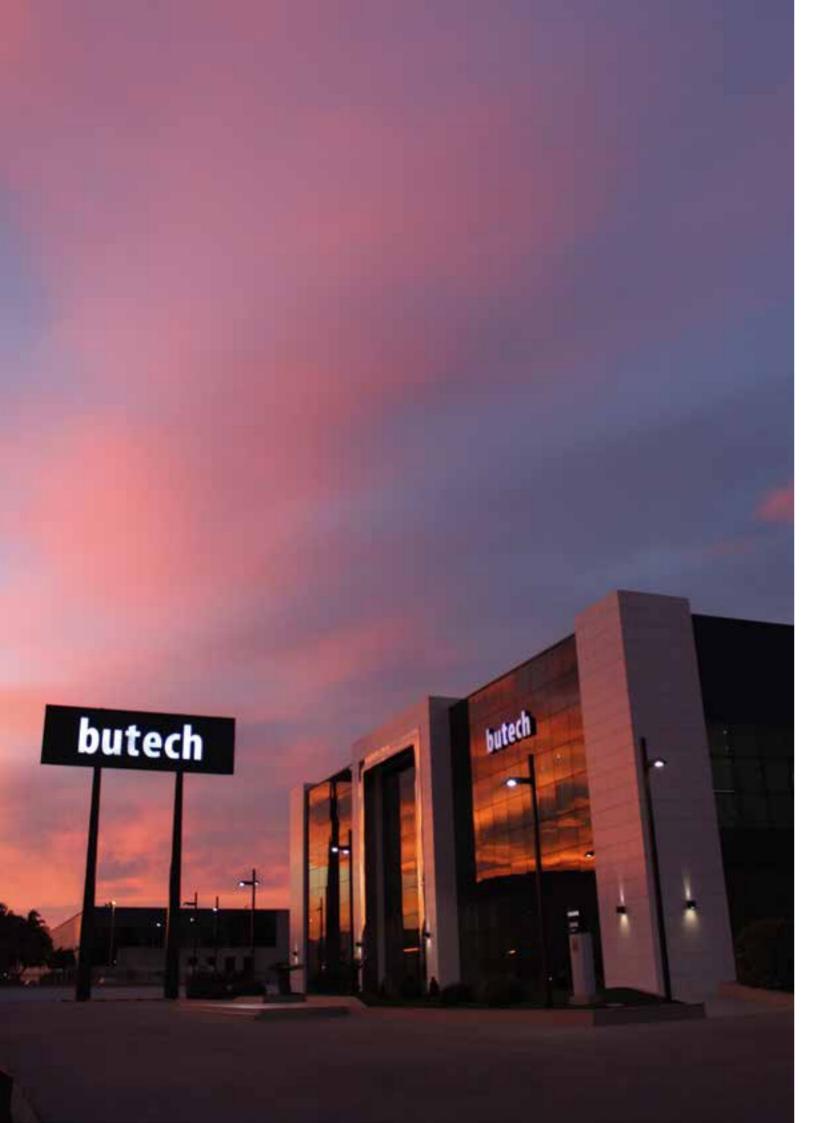
butech

professional book

PORCELANOSA Grupo



Trusted professional solutions

BUTECH is part of Grupo PORCELANOSA, a world leader in the design and production of superior quality ceramics. Following on from adhesives and sealing materials for ceramics, BUTECH has evolved to more complex installation systems such as façades and technical flooring.

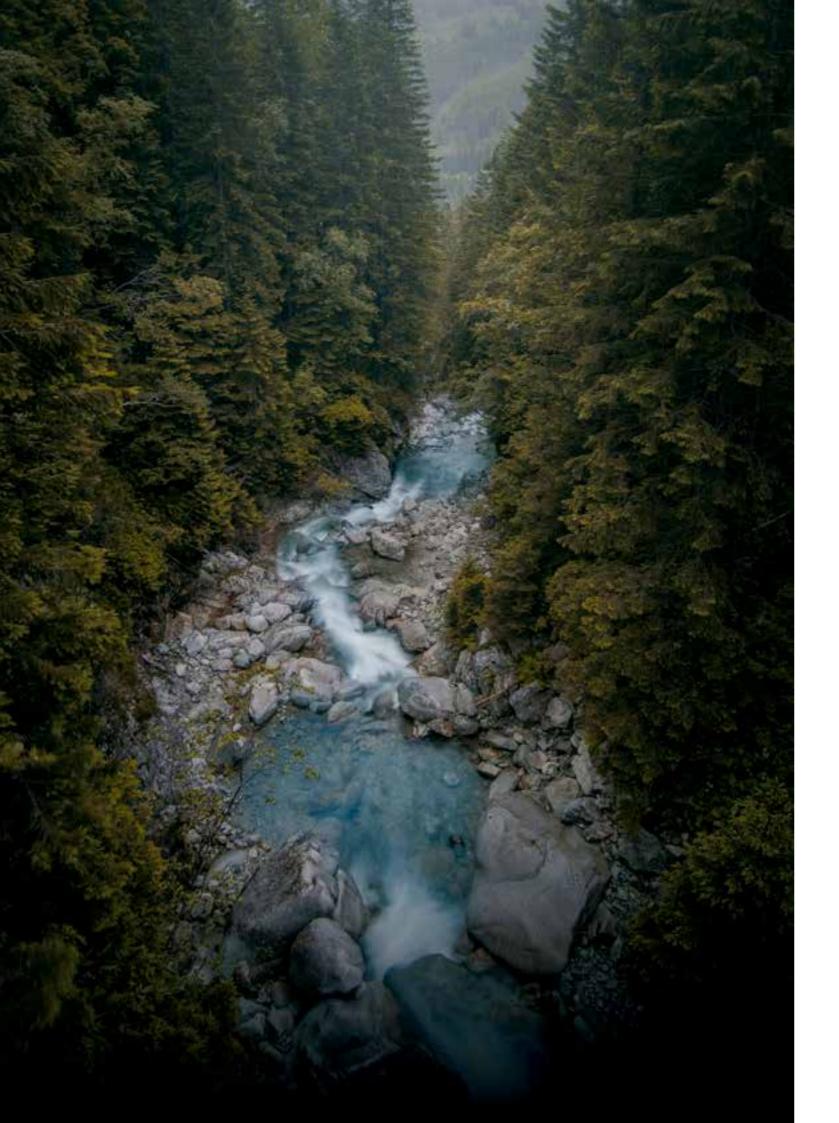
BUTECH's main aim is to provide PORCELANOSA customers with materials and installation systems which enable successful installation of any type of ceramic flooring or cladding.

BUTECH knows what every kind of ceramics needs and offers technical as well as decorative solutions which allow its installation with total success guarantee.

Spirit of innovation

BUTECH has invested in the latest technology to develop technical solutions which facilitate the commissioning and delivery of even better designs using PORCELANOSA ceramics.

Over the last few years, BUTECH has introduced innovative installation materials, decorative profiles, shower tray and levelling systems which have become an industry standard. Moreover, BUTECH is a leading company in innovation and development of façade systems for the various cladding materials from Grupo PORCELANOSA: STON-KER, PAR-KER, SOLID-KER, XLIGHT, XTONE, NATURAL STONE AND KRION.



Corporate Social Responsibility

At butech, we only consume electricity from guaranteed renewable sources. We generate 30% of the energy we use at Porcelanosa Gruop ourselves. Over 90% of the lighting in our premises is high-performance, low-consumption led lighting. Half of our indoor surface area receives natural light, which reduces electricity consumption.

More than 95% of the waste generated by Porcelanosa is reused, recycled or repurposed. We have reduced water consumption in our tile manufacturing processes by 20%. We minimize water and gas use by dry pressing our ceramics. 100% of the wastewater is purified and reused, producing 0 litres of discharge. We calculate and reduce our carbon footprint every year, ensuring our commitment as a circular economy.

Environmental commitment

The environmental commitment butech has shown toward its immediate surroundings and the environment as a whole has characterized the company since its origins is clearly reflected by environmental ideas and initiatives, including substantial yearly investment into systems for recycling water, waste reuse, environmental protection and energy saving and it is a ISO 14001 certified environmental management system.





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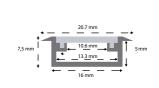
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PROFILES AND SKIRTINGS

pro-light 7.5 mm

Anodized aluminium

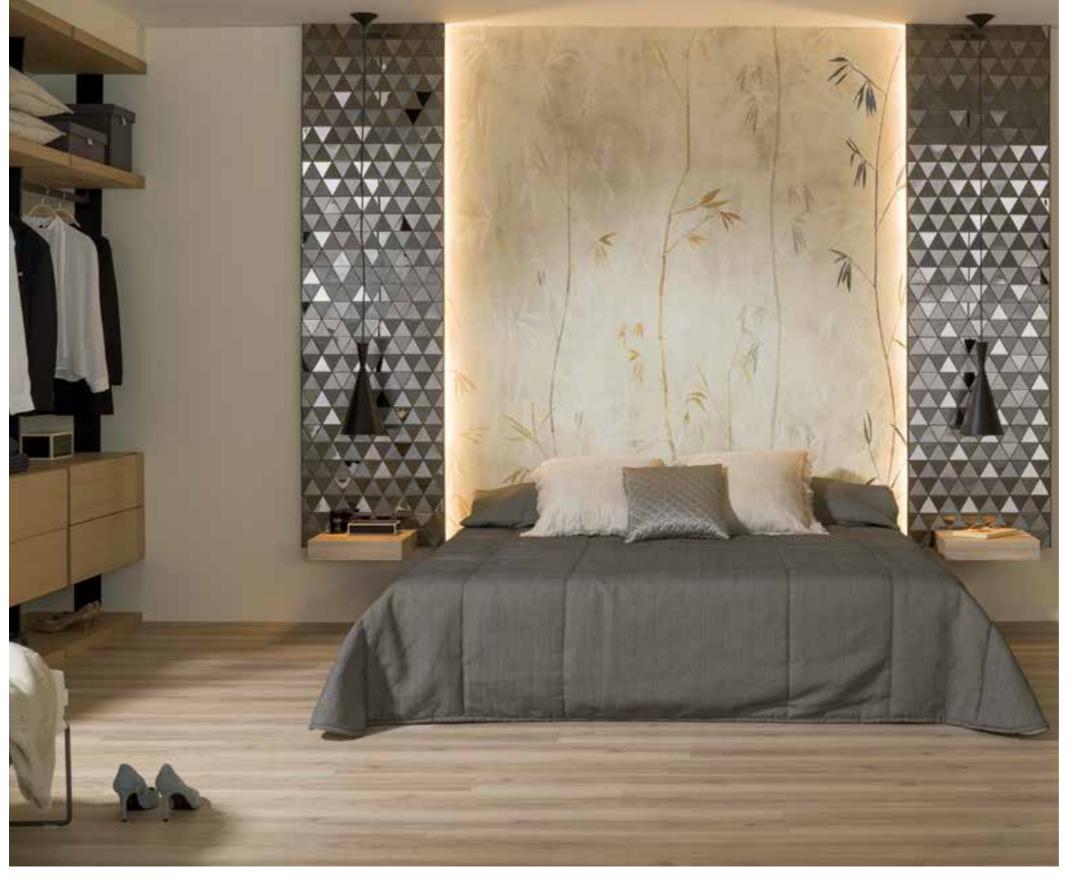
 pro-light black
 100243703

 21x7.5x2500 mm
 90.18 p/u

 pro-light silver
 100243677

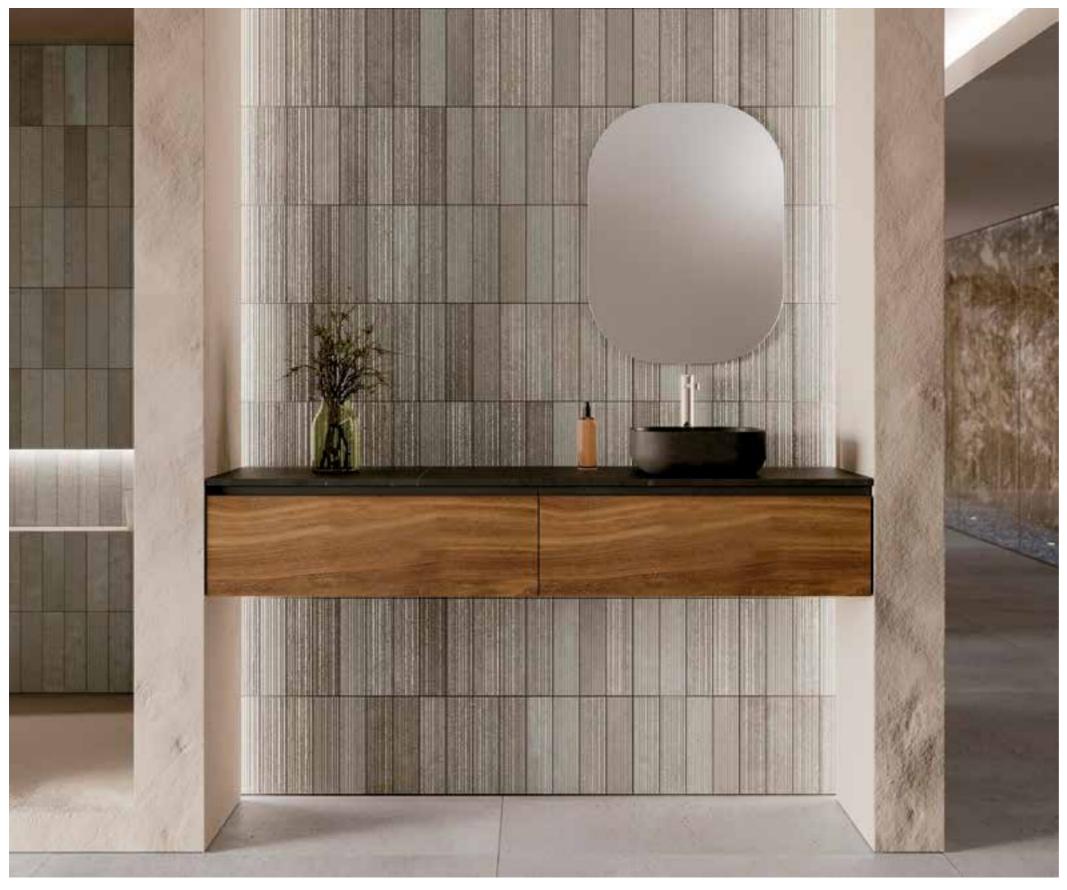
 21x7.5x2500 mm
 90.18 p/u

 $Lighting\ system\ not\ included.\ Includes\ profile,\ diffuser,\ corner\ and\ clips.$



pro-light silver 7.5 mm





pro-light silver 11 mm

pro-light 11 mm

Anodized aluminium



pro-light silver 11mm 27x11x2500 mm 100202237 **79.59** p/u

Lighting system not included. Includes profile, diffuser and corner.



pro-corner light

16

pro-corner light

Anodized aluminium



100243678 **90.18** p/u

17

pro-corner light 16x16x2500 mm

Lighting system not included. Includes profile, diffuser, corner and clips.





pro-telo light

pro-telo light

Anodized aluminium



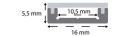
PROFILES AND SKIRTINGS

pro-telo light black 15x12x3000 mm 100281601 **82.49** p/u



pro-telo light silver 15x12x3000 mm 100281600 **73.77** p/u

pro-telo light slim



Anodized aluminium



pro-telo light slim black 16x5.5x2500 mm 100328075 **68.80** p/u



pro-telo light slim silver 16x5.5x2500 mm 100328096 **54.90** p/u

 $Lighting\ system\ not\ included.\ Includes\ profile,\ diffuser,\ corner\ and\ clips.$



pro-mate 45 TOP light

pro-mate 45 TOP light

12 mm 22.5 mr

PROFILES AND SKIRTINGS

Anodized aluminium



pro-mate 45 TOP light 22.5x22.5x2500 mm

100243649 **103.89** p/u

Lighting system not included. Includes profile, diffuser, corner and clips.

LED PROFILES

Decorative profile. Luminescent range for ceramic coverings.





pro-skirting LED white

22

pro-skirting LED

Anodized aluminium



pro-skirting LED black	100200414
13x60x2500 mm	33.84 p/u
pro-skirting LED corner black	100213201
13x60x5 mm	12.38 p/u



pro-skirting LED white	100200418
13x60x2500 mm	31.94 p/u
pro-skirting LED corner white	100213220
13x60x5 mm	12.38 p/u



pro-skirting LED silver	100200403
13x60x2500 mm	33.84 p/u
pro-skirting LED corner silver	100213154
13x60x5 mm	11.05 p/u

complements	
diffuser pro-skirting LED	100232655
2500 mm	16.52 p/u
fixing clips pro-skirting LED	100193608
17x30 mm 50 ud	15.80 p/bag

23

Diffuser and lighting system not included. Caps are supplied separately.



pro-light silver 11 mm

COB LED strip

Linear lighting system for profiles from the pro-light collection. Except for pro-skirting LED.

COB LED luminaires are packages of multiple LEDs that are joined together into a single lighting module. In practice, only one point of light is seen, but with a higher light output. That is, with the same power as an SMD, more lumens / watt are achieved.

COB LED strip IP20

COB LED strip IP20 3000°K	100298585
2x10x2500 mm	87.62 p/u
COB LED strip IP20 4000°K	100298526
2x10x2500 mm	87.62 p/u
COB LED strip IP20 6500°K	100298597
2x10x2500 mm	87.62 p/u

Power	15 W/m	Lumens 3.000°K	1400 Lm/m*
Voltage	24 V	Lumens 4.000°K	1500 Lm/m*
Nº chips/m	480	Lumens 6.500°K	1530 Lm/m*
PCB	10 mm	Light emission	180°

IP20: For use in dry environments. Interior flooring and coverings.

COB LED strip IP67

COB LED strip IP67 3000°K	100298620
4,6x11,6x2500 mm	112.99 p/u
COB LED strip IP67 4000°K	100298587
4,6x11,6x2500 mm	112.99 p/u
COB LED strip IP67 6500°K	100298621
4,6x11,6x2500 mm	112.99 p/u

Power	15 W/m	Lumens 3.000°K	1205 Lm/m ³
Voltage	24 V	Lumens 4.000°K	1216 Lm/m ⁺
Nº chips/m	480	Lumens 6.500°K	1210 Lm/m ³
PCB	11,6 mm	Light emission	180°

IP67: For use in wet environments. Interior flooring and coverings and exterior coverings.

LED transformer

 Transf. pro-light 100W 24V 0-5 mts
 100200310

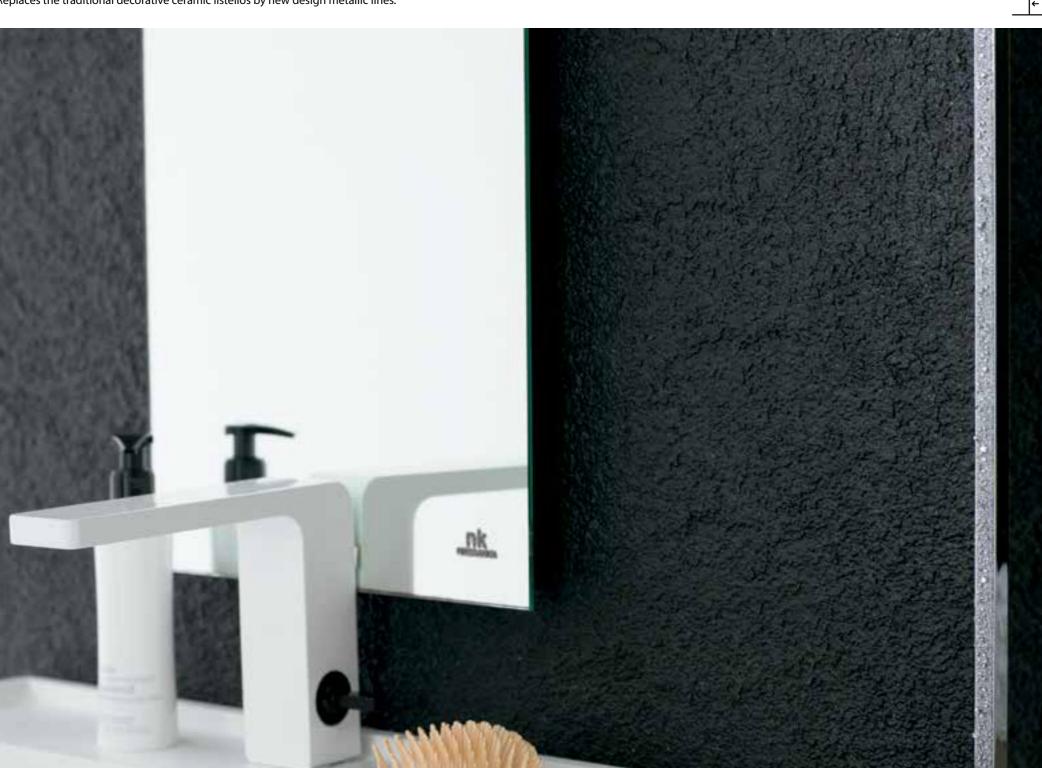
 190x52x39 mm
 99.43 p/u

Power	100 W
Voltage	24 V
Electric current	4.2 A
Maximum length of led strip	5 m

^{*} The light output (Lumens) of COB LED strips may vary slightly from one strip to another.



High-end decorative profile for ceramic wall tiling, made with Swarovski® crystals. Replaces the traditional decorative ceramic listellos by new design metallic lines.



pro-part Li crystal SW galaxy Not recommended for walls in direct contact with water.

pro-part Li crystal SW galaxy

Chromed brass profile. Made with Swarovski® Elements



pro-part Li crystal galaxy 11 mm 12x11x2500 mm

100171653 **497.27** p/u

pro-part Li crystal rock SW silver

Chromed brass profile. Made with Swarovski® Elements

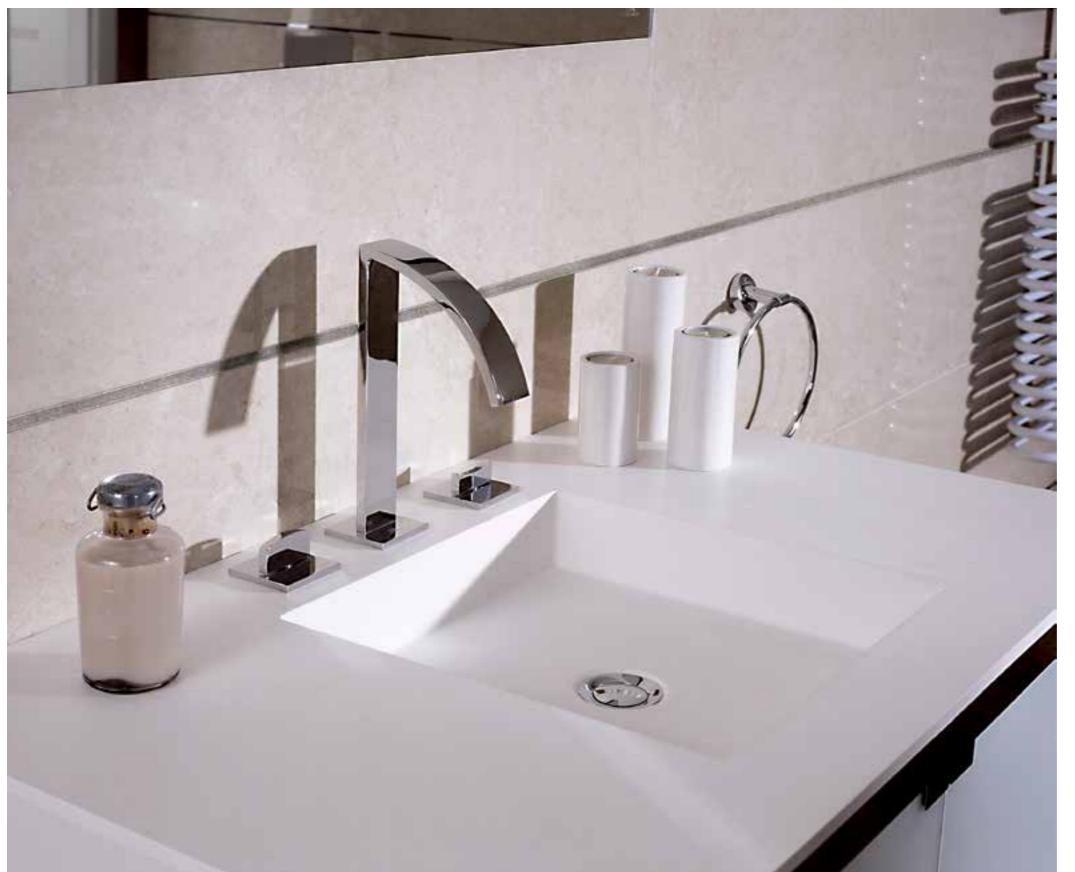


pro-part Li Crystal rock SW silver 11mm 12x11x2500 mm

100130429 **592.20** p/u

High-end decorative profile for ceramic wall tiling, made with Swarovski® crystals. Replaces the traditional decorative ceramic listellos by new design metallic lines.





pro-part Li Crystal sand SW silver Not recommended for walls in direct contact with water.

pro-part Li Crystal sand SW Gold

24 k Gold plated. Made with Swarovski® Elements



pro-part Li Crystal sand SW Silver

Chromed brass profile. Made with Swarovski® Elements



pro-part Li crystal sand SW silver 11mm 12x11x2500 mm

100130431 **412.64** p/u

High-end decorative profile for ceramic wall tiling, made with Swarovski® crystals. Replaces the traditional decorative ceramic listellos by new design metallic lines.

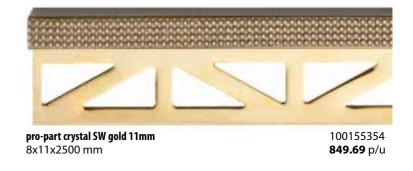




pro-part crystal SW silver Not recommended for walls in direct contact with water.

pro-part crystal SW gold

24 k Gold plated. Made with Swarovski® Elements



pro-part crystal SW silver

Chromed brass profile. Made with Swarovski® Elements



pro-part crystal SW silver 11mm 8x11x2500 mm

100155356 **699.28** p/u

GOLD COLLECTION

High-end decorative profile for wall tiles, 24K Gold plated. Perfect for adding a decorative accent line to any wall by a metallic line with an exclusive design.





pro-part Li gold

24 carat Gold plated profile. 12 and 13,5 mm decorative trim.



pro-part Li gold 11mm 12x11x2500 mm 100100726 **150.68** p/u pro-part Li gold 12,5mm 100100762 13,5x12,5x2500 mm **156.59** p/u

pro-part gold

24 carat Gold plated profile. 8 mm decorative trim.



pro-part gold 7mm 100246452 8x7x2500 mm **147.43** p/u pro-part gold 9mm 100331779 8x9x2500 mm **132.20** p/u 100100724 pro-part gold 11mm 8x11x2500 mm **134.21** p/u pro-part gold 12.5mm 100100725 8x12,5x2500 mm **144.28** p/u

pro-mate 5 gold

24 carat Gold plated profile. 5 mm decorative trim.



pro-mate 5 gold 11mm 100100721 5x11x2500 m **125.25** p/u pro-mate 5 gold 12.5mm 100100722 5x12,5x2500 mm **126.87** p/u

pro-part gold

High-end decorative profile for wall tiles, 24K Gold plated.
Perfect for adding a decorative accent line to any wall by a metallic line with an exclusive design.





pro-part gold line

24 carat Gold plated profile. 8 mm decorative trim.



pro-part gold line 11mm 8x11x2500 mm

100339564 **136.62** p/u

pro-part gold





pro-part bone

pro-part bone

Brass profile with matte metallic covering. 8 mm decorative trim.



 pro-part bone 7mm
 100278708

 8x7x2500 mm
 87.75 p/u

 pro-part bone 11mm
 100269007

 8x11x2500 mm
 90.75 p/u

 pro-part bone 12,5mm
 100278730

 8x12,5x2500 mm
 92.37 p/u

PROFILES AND SKIRTINGS





pro-part coal

40

pro-part coal

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part coal 7mm	100278697
8x7x2500 mm	87.75 p/u
pro-part coal 9mm	100326478
8x9x2500 mm	89.20 p/u
pro-part coal 11mm	100269081
8x11x2500 mm	90.75 p/u
pro-part coal 12,5mm	100278751
8x12,5x2500 mm	92.37 p/u





pro-part cast iron

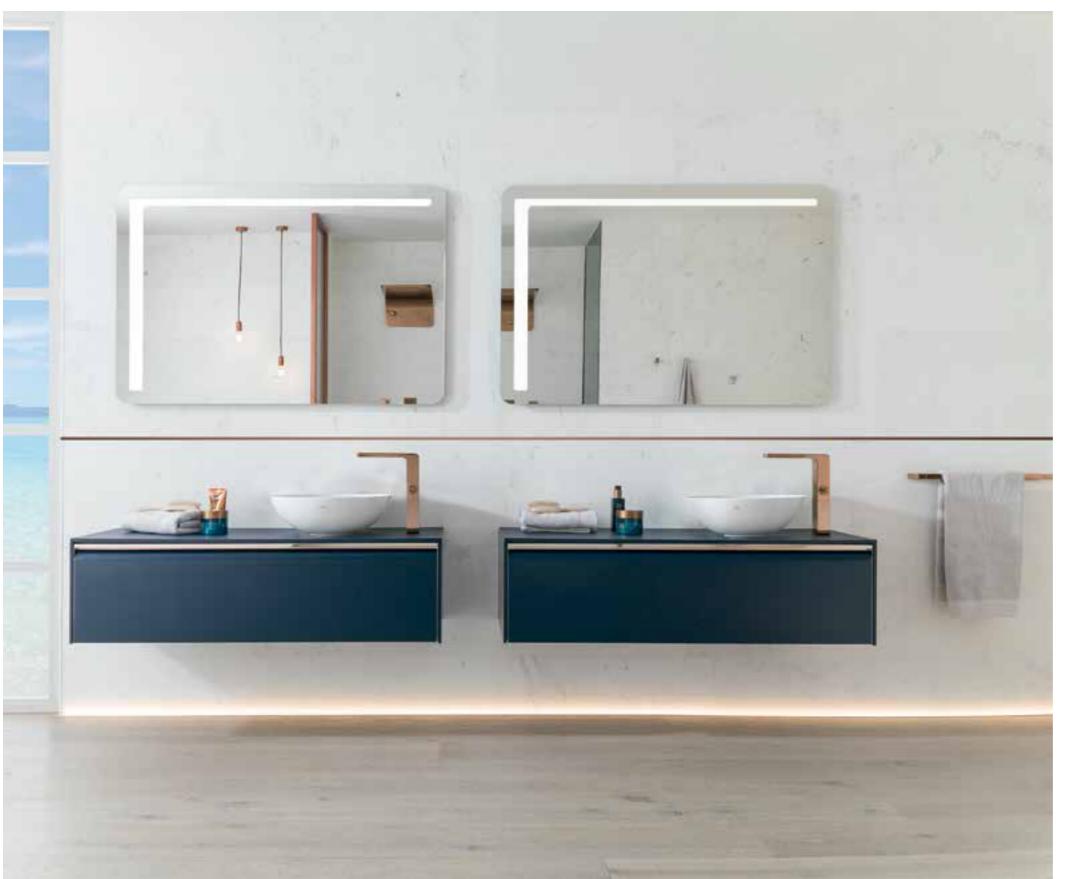
pro-part cast iron

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part cast iron 7mm	100285068
8x7x2500 mm	72.52 p/u
pro-part cast iron 9mm	100326516
8x9x2500 mm	89.20 p/u
pro-part cast iron 11mm	100222994
8x11x2500 mm	90.75 p/u
pro-part cast iron 12,5mm	100278717
8x12,5x2500 mm	92.37 p/υ





pro-part cast copper

pro-part cast copper

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part cast copper 9mm 8x9x2500 mm

pro-part cast copper 11mm 8x11x2500 mm 100326509 **89.20** p/u

100223015 **90.75** p/u





pro-part cement

pro-part cement

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part cement 9mm 8x9x2500 mm

pro-part cement 11mm 8x11x2500 mm 100326530 **89.20** p/u

100226161 **90.75** p/u





pro-part sand

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part sand 9mm 8x9x2500 mm

pro-part sand 11mm 8x11x2500 mm 100326531 **89.20** p/u

> 100226152 **90.75** p/u

pro-part sand





pro-part anthracite

Brass profile with metallic covering. 8 mm decorative trim.



pro-part anthracite 11mm 8x11x2500mm

100315557 **83.26** p/u

51

50

pro-part anthracite





pro-part old iron

pro-part old iron

Brass profile with metallic covering. 8 mm decorative trim.



pro-part old iron 11mm 8x11x2500mm

100189093 **110.24** p/u





pro-part old bronze

pro-part old bronze

Brass profile with metallic covering. 8 mm decorative trim.



pro-part old bronze 7mm 100278752 8x7x2500mm 1**116.72** p/u

 pro-part old bronze 11mm
 100189092

 8x11x2500mm
 112.41 p/u

 pro-part old bronze 12,5mm
 100243964

 8x12,5x2500mm
 117.60 p/u

METAL COLLECTION

Matte metallic finish decorative profiles for ceramic wall tiles. Perfect for adding a decorative accent line to any wall.





pro-part rose line

pro-part rose

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part rose 7mm	100232244
8x7x2500 mm	148.35 p/u
pro-part rose 9mm	100332742
8x9x2500 mm	149.20 p/u
pro-part rose 11mm	100231592
8x11x2500 mm	137.89 p/u
pro-part rose 12,5mm	100278753
8x12,5x2500 mm	153.58 p/u

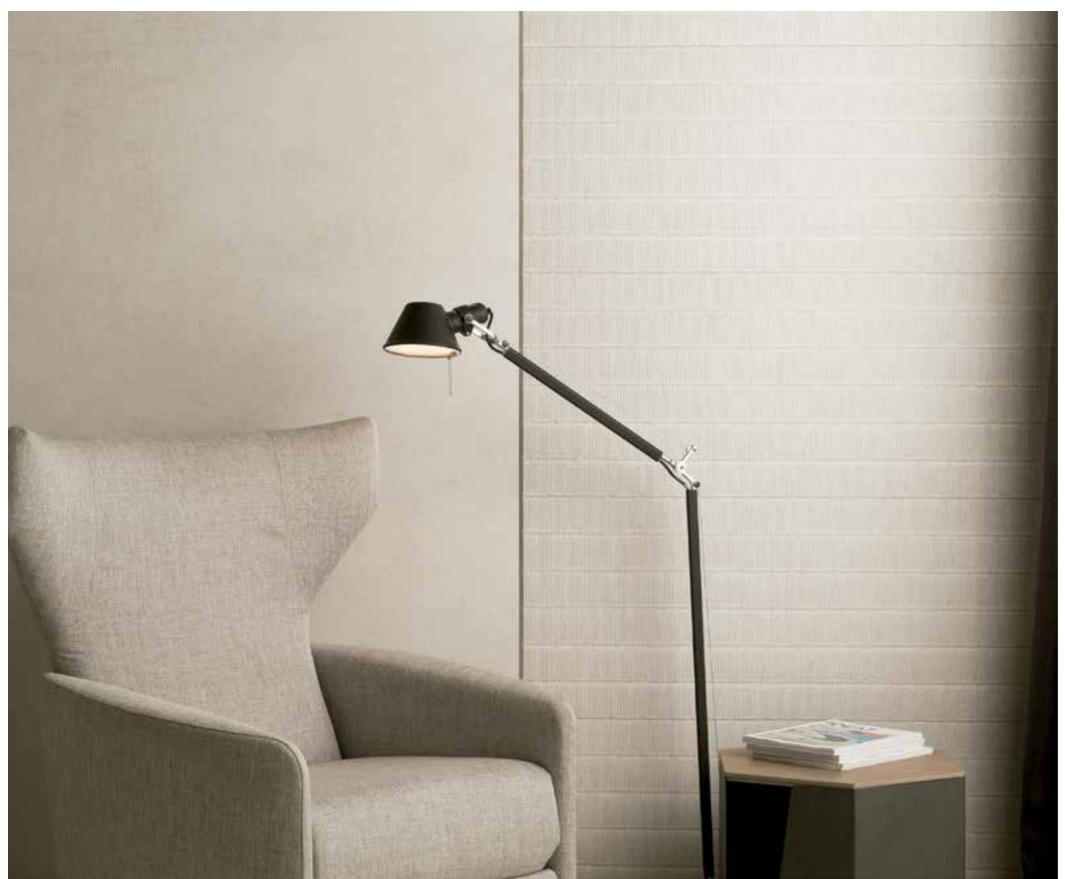
pro-part rose line

Brass profile with matte metallic covering. 8 mm decorative trim.



pro-part rose line 7mm	100232236
8x7x2500 mm	150.33 p/u
pro-part rose line 9mm	100332761
8x9x2500 mm	151.20 p/u
pro-part rose line 11mm	100231584
8x11x2500 mm	140.15 p/u
pro-part rose line 12,5mm	100278736
8x12,5x2500 mm	152.53 p/u





pro-part moon line

pro-part moon

Brass profile with metallic covering. 8 mm decorative trim.



pro-part moon 7mm	100177056
8x7x2500m	119.56 p/u
pro-part moon 9mm	100332424
8x9x2500m	106.66 p/u
pro-part moon 11m	100120369
8x11x2500mm	108.91 p/u
pro-part moon 12,5mm	100177071
8x12,5x2500mm	120.18 p/u

pro-part moon line

Brass profile with metallic covering. 8 mm decorative trim.



pro-part moon line 7mm	100177063
8x7x2500mm	106.74 p/u
pro-part moon line 9mm	100332740
8x9x2500mm	107.14 p/u
pro-part moon line 11mm	100158267
8x11x2500mm	115.64 p/u
pro-part moon line 12,5mm	100177080
8x12,5x2500mm	120.18 p/u

METAL COLLECTION

Metallic finish decorative profiles for ceramic wall tiles. Perfect for adding a decorative accent line to any wall.





pro-part graphite matt line

pro-part graphite matt

Brass profile with metallic covering. 8 mm decorative trim.



pro-part graphite matt 7mm	100177037
8x7x2500 mm	129.38 p/u
pro-part graphite matt 9mm	100332398
8x9x2500 mm	116.20 p/u
pro-part graphite matt 11mm	100158266
8x11x2500 mm	125.45 p/u
pro-part graphite matt 12,5mm	100177053
8x12.5x2500 mm	116.86 p/u

pro-part graphite matt line

Brass profile with metallic covering. 8 mm decorative trim.



pro-part graphite matt line 7mm	100177055
8x7x2500 mm	129.38 p/u
pro-part graphite matt line 9mm	100332417
8x9x2500 mm	117.20 p/u
pro-part graphite matt line 11mm	100158265
8x11x2500 mm	125.45 p/u
pro-part graphite matt line 12,5mm	100177036
8x12,5x2500 mm	119.67 p/u





pro-part graphite

pro-part graphite

Brass profile with metallic covering. 8 mm decorative trim.



 pro-part graphite 7mm
 100177049

 8x7x2500 mm
 129.38 p/u

 pro-part graphite 9mm
 100332386

 8x9x2500 mm
 116.20 p/u

 pro-part graphite 11mm
 100120366

 8x11x2500 mm
 114.84 p/u

 pro-part graphite 12,5mm
 100177035

 8x12,5x2500 mm
 116.86 p/u



pro-part line

64

pro-part line

Brass profile with metallic covering. 8 mm decorative trim.



 pro-part line 7mm
 100177061

 8x7x2500 mm
 96.60 p/u

 pro-part line 11mm
 100120367

 8x11x2500 mm
 102.98 p/u

 pro-part line 12,5mm
 100177058

 8x12,5x2500 mm
 106.07 p/u

pro-part line matt

Brass profile with metallic covering. 8 mm decorative trim.



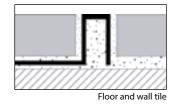
pro-part line matt 7mm	100177062
8x7x2500 mm	96.60 p/u
pro-part line matt 11mm	100157798
8x11x2500 mm	102.98 p/u
pro-part line matt 12,5mm 8x12,5x2500 mm	100177059 101.01 p/u

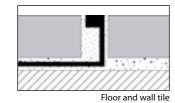
CHROME COLLECTION

Chromed brass decorative profile for wall tiles. It substitutes the traditional decorative ceramic frieze.

Typical LIFESTYLE by PORCELANOSA profile.

Suitable for trimming corners and transitions between ceramic tiles.













Chromed brass				Chromed brass corner		
SAP		h (mm)	P/EU	SAP	h (mm)	P/EU
100005368		7	87.54 p/u	100005373	7	31.82 p/u
100177061	Line	7	96.60 p/u	100005374	9	31.82 p/u
100177062	Line matt	7	96.60 p/u	100091065	10	30.95 p/u
100005369		9	90.98 p/u	100005375	11	31.82 p/u
100088905		10	92.42 p/u	100005376	12,5	31.82 p/u
100005370		11	94.44 p/u	100003370	12/3	5 p/ u
100120367	Line	11	102.98 p/u			
100157798	Line matt	11	102.98 p/u			
100005371		12,5	97.45 p/u			
100177058	Line	12,5	106.07 p/u			
100177059	Line matt	12,5	101.01 p/u			

pro-mate 5





Chromed brass		
SAP	h (mm)	P/EU
100126779	7	79.54 p/u
100004945	9	81.58 p/u
100004946	11	84.56 p/u
100004955	12,5	87.54 p/u

pro-mate 3







Chromed brass				
SAP	h (mm)	P/EU		
100126772	6	70.98 p/u		
100004951	8	82.08 p/u		
100004952	9	71.83 p/u		
100004953	10	72.70 p/u		
100004954	12.5	74.46 p/u		



pro-part Li





Chromed brass				Chromed brass corner		
SAP	h (mm)	a (mm)	P/EU	SAP	h (mm)	P/EU
100126780	4,5	5,5	108.43 p/u	100098464	11	30.77 p/u
100070170	11	12	104.66 p/u	100085153	12,5	36.70 p/u
100070171	12,5	13,5	110.23 p/u			·

pro-mate 45 TOP





Chromed brass		
SAP	h (mm)	P/EU
100126778	6	79.93 p/u
100099965	10	79.70 p/u
100128801	12,5	99.04 p/u

pro-mate 45





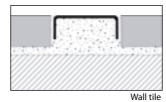
Chromed brass		
SAP	h (mm)	P/EU
100126776	6	81.99 p/u
100099963	10	92.53 p/u
100099964	12,5	98.90 p/u

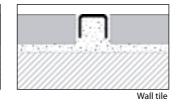


PRO-TELO COLLECTION

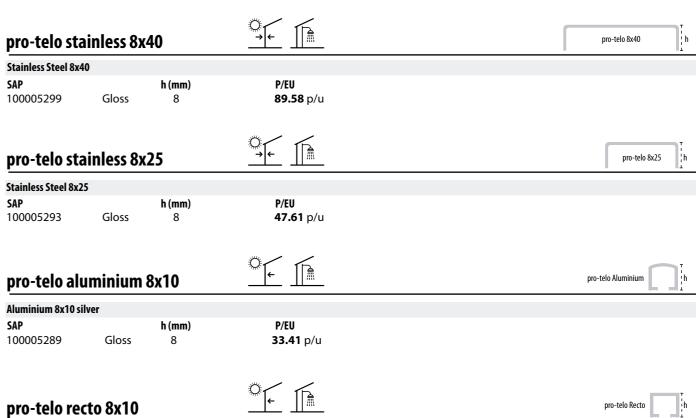
Metal decorative profile for ceramic wall tiles. Flangeless metallic line for tiles of any thickness.

Available in a wide variety of materials, finishes and dimensions, they represent an excellent solution for the design of contemporary style ceramic settings.









P/EU

24.43 p/u

h (mm)

High gloss 8

100084015

Profile length: 2500 mm Minimum packaging: 10 profiles

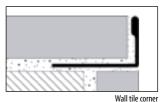


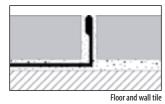
PROFILES AND SKIRTINGS

pro-mate 2

Right angle, stainless steel profile for corners and wall and floor tile coverings.

Right angle, 2 mm thick stainless steel profiles for trimming the non-glazed edge of the tile. Suitable for separating tiles in walls as well as in floors.







pro-mate 2





V2A Stainless steel						
h (mm)	P/EU					
6	31.08 p/u					
10	30.85 p/u					
12,5	31.90 p/u					
15	46.44 p/u					
20	49.05 p/u					
	6 10 12,5 15					

V2A Gloss stainless steel					
SAP	h (mm)	P/EU			
100004967	10	39.16 p/u			
100004968	12,5	47.47 p/ι			
100004969	15	57.32 p/ι			

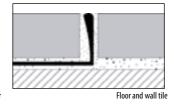
V4A Stainless steel		
SAP	h (mm)	P/EU
100004964	10	34.02 p/c
100004965	12,5	38.13 p/c

pro-mate 3

Right angle profile for corners and wall and floor tile coverings. Decorative use as a metallic line.

Right angle, 3 mm thick profiles for trimming the non-glazed edge of the tile. Available in a wide variety of materials, they are also suitable for separating wall tiles.







	Wall tile corner	Floor and wall tile	
pro-mate 3	<u>*</u>		3 mm h
Chromed brass			
SAP	h (mm)	P/EU	
100126772	6	70.98 p/u	
100004951	8	82.08 p/u	
100004952	9	71.83 p/u	
100004953	10	72.70 p/u	
100004954	12,5	74.46 p/u	3 mm
pro-mate 3	<u>↓</u>		pro-mate 3
Anodized aluminium si			
SAP	h (mm)	P/EU	
100126770	6	24.95 p/u	
100004899	8	14.25 p/u	
100004900	9	15.43 p/u	
100004901	10	14.99 p/u	
100200608	11	14.34 p/u	
100004902	12,5	16.07 p/u	
100004903	15	18.29 p/u	3 mm
pro-mate 3			pro-mate 3

pro-mate 3

100126771

100004911

100004912

100004915

100004916

Lacquered aluminium

white

white

white

beige

beige



P/EU

22.46 p/u

21.97 p/u

23.93 p/u

21.97 p/u

23.93 p/u

h (mm)

6

10

12,5

10

12,5

P/EU
16.02 p/u
30.91 p/u
31.84 p/u

h (mm)

10

12,5

black	10	21.97 p/u			
black	12,5	23.93 p/u			
			Black aluminium		
	h (mm)	P/EU	SAP	h (mm)	P/EU
white	10	5.16 p/u	100220142	8	32.60 p/u
white	12,5	5.56 p/u	100171991	10	33.66 p/u
jasmine	10	5.16 p/u	100220132	12,5	33.61 p/u
beige	10	5.16 p/u			
black	10	5.16 p/u			
grey	10	5.16 p/u			
	white white jasmine beige black	black 12,5 h (mm) white 10 white 12,5 jasmine 10 beige 10 black 10	black 12,5 23.93 p/u h (mm) P/EU white 10 5.16 p/u white 12,5 5.56 p/u jasmine 10 5.16 p/u beige 10 5.16 p/u black 10 5.16 p/u	black 12,5 23.93 p/u Black aluminium P/EU SAP	black 12,5 23.93 p/u Black aluminium h (mm) P/EU SAP h (mm) white 10 5.16 p/u 100220142 8 white 12,5 5.56 p/u 100171991 10 jasmine 10 5.16 p/u 100220132 12,5 beige 10 5.16 p/u 10 10 10 black 10 5.16 p/u 10

High gloss aluminum

SAP

100289643

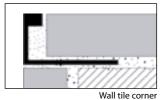
100004925

PROFILES AND SKIRTINGS

pro-mate 5

Right angle profile for corners and wall and floor tile coverings. Decorative use as a metallic line.

Right angle and 5 mm edge profiles for trimming the non-glazed edge of the tile. Suitable for transitions between floor coverings at the same level.







pro-mate 5

pro-mate 5

Chromed brass						
SAP	h (mm)	P/EU				
100126779	7	79.54 p/u				
100004945	9	81.58 p/u				
100004946	11	84.56 p/u				
100004955	12,5	87.54 p/u				

pro-mate 5





Anodized aluminium silver

SAP	h (mm)	P/EU
100004927	11	23.97 p/u

pro-mate 5





Gloss polished brass

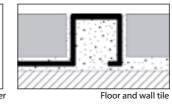
SAP	h (mm)	P/EU
100004944	11	61.53 p/u

pro-part Li

Decorative profile for ceramic wall and floor tiles. Suitable for trimming corners and transitions between ceramic tiles.

Right angle, corner shaped profiles, with both sides of the same length. Specially recommended for rectified tiles corners and for tiles with relief decoration.

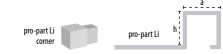






pro-part Li





Chromed brass				Chromed brass corner		
SAP	h (mm)	a (mm)	P/EU	SAP	h (mm)	P/EU
100126780	4,5	5,5	108.43 p/u	100098464	11	30.77 p/u
100070170	11	12	104.66 p/u	100085153	12,5	36.70 p/u
100070171	12.5	13.5	110.23 p/u			·

pro-part Li



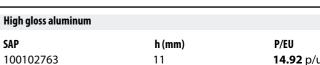


Anodized aluminium silver			Anodized aluminium sil	ver corner		
SAP	h (mm)	a (mm)	P/EU	SAP	h (mm)	P/EU
100128227	4,5	5,5	24.40 p/u	100093706	11	33.20 p/u
100062074	11	12	28.20 p/u	100093705	12,5	33.20 p/u
100062086	12,5	13,5	30.86 p/u			

pro-part Li

High gloss aluminum

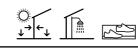




pro-part Li

SAP SAP h (mm) a (mm) P/EU **14.92** p/u 100062072 10 **58.04** p/u 100102763 11 11 11,5 100062073 12,5 **62.43** p/u 100102762 12,5 **18.14** p/u

pro-part Li brushed





75

Brushed anodized aluminium

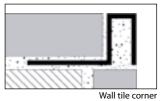
SAP	h (mm) a (mm)	P/EU
100159084	11 12	64.33 p/u
100159083	12.5 13.5	61.63 p/ı

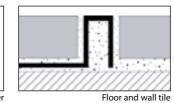
Profile length: 2500 mm Minimum packaging: 10 profiles Profile length: 2500 mm Minimum packaging: 10 profiles

pro-part

Decorative profile for ceramic wall and floor tiles. Suitable for trimming corners and transitions between ceramic tiles.

Right angle, corner shaped profiles, with an 8 mm edge and a variable width edge. Excellent solution for a wide variety of ceramic installations.





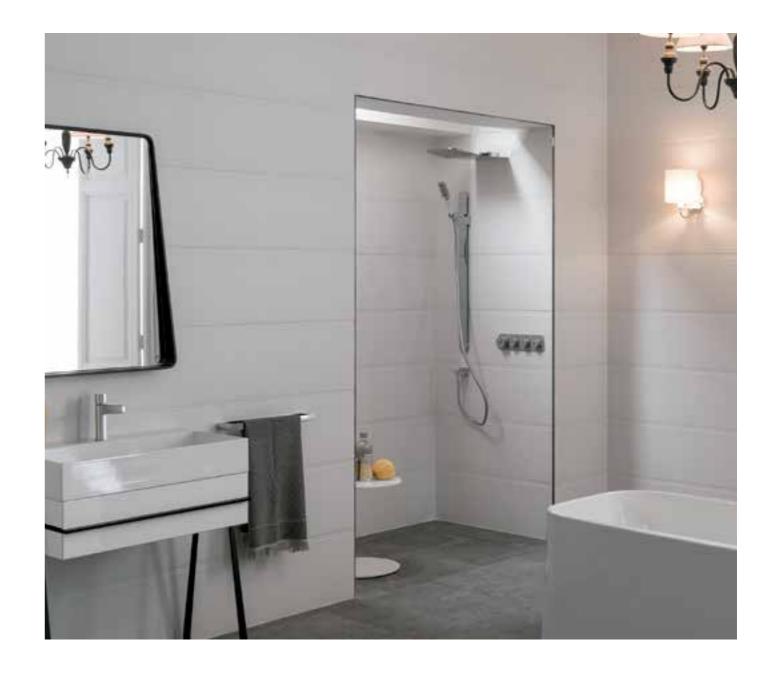


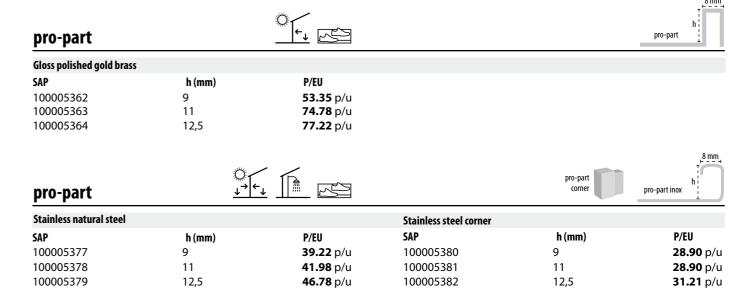
pro-part				pro-part corner	pro-part :
Chromed brass			Chromed brass corner		
SAP	h (mm)	P/EU	SAP	h (mm)	P/EU
100005368	7	87.54 p/u	100005373	7	31.82 p/u
100005369	9	90.98 p/u	100005374	9	31.82 p/u
100088905	10	92.42 p/u	100091065	10	30.95 p/u
100005370	11	94.44 p/u	100005375	11	31.82 p/u
100005371	12,5	97.45 p/u	100005376	12,5	31.82 p/u

pro-part	pro-part				pro-part :
Anodized aluminium silver			Anodized aluminium sil	ver corner	
SAP	h (mm)	P/EU	SAP	h (mm)	P/EU
100005322	7	20.03 p/u	100005336	7	27.01 p/u
100005323	9	21.10 p/u	100005337	9	27.01 p/u
100005324	11	22.16 p/u	100005338	11	27.01 p/u
100005325	12,5	24.32 p/u	100005339	12,5	27.01 p/u
100005326	15	32.40 p/u			

100005326		15	32.40 p/u			
pro-part						8 mm h pro-part
Lacquered alumini	um			White matt aluminium		
SAP		h (mm)	P/EU	SAP	h (mm)	P/EU
100088551	Black	11	36.43 p/u	100332940	9	32.80 p/u
100080530	Black	12,5	37.76 p/u	100296752	11	36.43 p/u
100100723	White	11	36.43 p/u	100286598	12,5	37.76 p/u
100083438	White	12,5	37.76 p/u			

High gloss a	luminum			Black matt aluminium		
KEA	SAP	h (mm)	P/EU	SAP	h (mm)	P/EU
10008900	4	11	73.51 p/u	100220100	7	36.94 p/u
10000535	3	12,5	73.51 p/u	100325883	9	37.50 p/u
				100171975	11	38.09 p/u
				100220083	12,5	39.23 p/u
						•





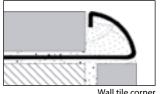
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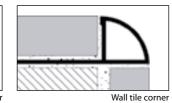
PROFILES AND SKIRTINGS

pro-mate 45

Rounded profile for protecting wall tiles corners.

These profiles are the classic solution for protecting corners in wall tile coverings. Available in a wide variety of materials, its main feature is being shock-resistant.







pro-mate 45 Top				15 Top
Chromed brass			_	
SAP	h (mm)	P/EU		
100126778	6	79.93 p/u		
100099965	10	79.70 p/u		
100128801	12,5	99.04 p/u		
Anodized aluminium silver				
SAP	h (mm)	P/EU		
100126777	6	28.20 p/u		
pro-mate 45 brass			pro-	-mate 45
Chromod hrass				

Cironiea prass					
SAP	h (mm)	P/EU			
100126776	6	81.99 p/u			
100099963	10	92.53 p/u			
100099964	12,5	98.90 p/u			
100077701	12,3	30.30			

	○ [
pro-mate 45 stainless steel	<u>→ ←</u>]]

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pro-mate 45 open	h

Stainless steel VZA		
SAP	h (mm)	P/EU
100005156	8	38.28 p/u
100005157	10	85.13 p/u
100005158	12,5	49.36 p/u

pro-mate 45 aluminio



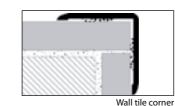


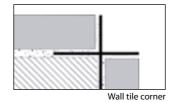
Allouizeu alullillill	IIII SIIVEI		
SAP 100005094 100005096		h (mm) 10 12,5	P/EU 19.28 p/u 21.22 p/u
Lacquered alumini	ium		
SAP 100005113 100005117	White White	h (mm) 10 12,5	P/EU 22.03 p/u 23.87 p/u
High gloss aluminu	ım		
SAP 100096222 100100665		h (mm) 10 12,5	P/EU 35.09 p/u 36.71 p/u

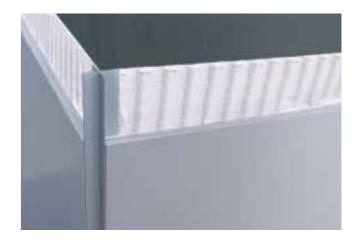
pro-corner

Metallic profile for protecting corners.

Right angle, metallic profiles for protecting corners. Most of the pro-corner models are installed after the tile, which implies a small lip over the tile surface.







ro-corner P	pro-corner P h2

Aluminium	Aluminium				
SAP		h1 (mm)	h2 (mm)		P/EU
100158001	High gloss	15	12		94.31 p/u
100158002	Silver	15	12		83.24 p/u
100213125	Black	15	12		96.40 p/u

pro-corner R	pro-corner R

Gloss stainless steel				
SAP	h (mm)	P/EU		
100005623	25	68.39 p/u		

pro-corner B	pro-corner B
Aluminium	

Aluminium			
SAP	h (mm)	P/EU	
100005584	25	29.60 p/u	

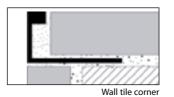
Profile length: 2500 mm Profile length: 2500 mm Minimum packaging: 10 profiles Minimum packaging: 10 profiles

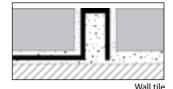


CORNER PROFILES AND TRIMS FOR WALL TILES

3 meter profiles

Profiles available in different shapes, from right-angled profiles for straight trims to rounded shape profiles.







pro-mate 2

 SAP
 h (mm)
 P/EU

 100276385
 Inox V2A
 11
 39.49 p/u

 100276386
 Inox V2A
 12,5
 40.95 p/u

pro-mate 3

SAP		h (mm)	P/EU
100286309	Chrome	12,5	89.35 p/u
100276187	Alum. anod.	11	23.29 p/u
100276196	Alum. anod.	12,5	23.65 p/u
100286597	Alum. black	12,5	36.31 p/u

pro-mate 5

 SAP
 h (mm)
 P/EU

 100286603
 Chrome
 11
 101.46 p/u

pro-part

SAP		h (mm)	P/EU	
100286618	Chrome	11	116.44 p/s	
100286360	Chrome	12.5	116.94 p/i	

pro-part Li

SAP		h (mm)	P/EU
100276208	Alum. anod.	11	32.39 p/u
100276198	Alum. anod.	12,5	35.85 p/u



pro-mate 3 h







Minimum packaging: 10 profiles



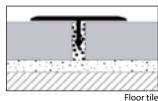
PROFILES AND SKIRTINGS

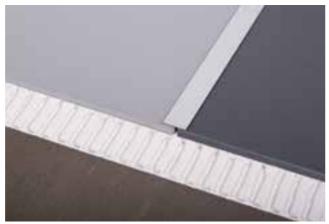
pro-T

Profile for transitions between floor or wall coverings.

Profiles for transitions between tiles or slabs with slightly different heights. Available in two widths: 14 and 25 mm.

Specially recommended for transitions between ceramic tiles and wooden floors.





	Floor tile		
pro-T			Brass 7 mm
Chromed brass			
SAP	h (mm)	P/EU	
100005460	14	52.35 p/u	
100005461	25	52.35 p/u 69.36 p/u	

pro-T	√		
Anodized aluminium silver			

Anodized aluminium silver		
SAP	h (mm)	P/EU
100005452	14	9.78 p/u
100005453	25	17.88 p/ι

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F	<u>n</u>
Stainless steel	7 mm

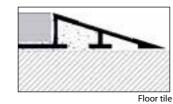
Gloss stainless steel		
SAP	h (mm)	P/EU
100005462	14	44.78 p/
100005463	25	62.85 p/
		·

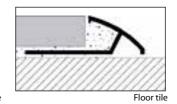
Brushed stainless steel					
SAP	h (mm)	P/EU			
100005464	14	61.92 p/u			
100005465	25	79.82 p/u			

pro-level

Transition profile between floor coverings at different levels. It covers the non-glazed edge of the tile and protects it from shocks.

Technical profiles for small height differences between floor coverings. Available in rounded finish and sloped finish. Specially recommended for high transit floors.







pro-level C	<u> </u>		pro-level C
Anodized aluminium silver			
SAP	h (mm)	P/EU	
100005426	11	23.97 p/u	
100005427	12,5	32.05 p/u	
pro-level R	<u>↓</u> [pro-level R

Anodized aluminium silver			
SAP	h (mm)	P/EU	
100005428	11	64.80 p/u	
100005429	12,5	71.21 p/u	
100005430	15	76.61 p/u	
100005431	20	84.37 p/u	

Profile length: 2500 mm Minimum packaging: 10 profiles Profile length: 2500 mm Minimum packaging: 10 profiles

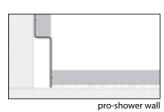
TECHNICAL PROFILES TECHNICAL PROFILES

pro-shower

New range of profiles for shower trays. Designed to cover the sides of shower trays; specially for shower with only one direction slope.

These profiles are made of stainless steel and are available in two different finishings: gloss, brushed and black lacquered.









pro-shower floor



150.07 p/u

Chromed stainless steel				Brushed stainless steel					
SAP		h1 (mm)	h2 (mm)	P/EU	SAP		h1 (mm)	h2 (mm)	P/EU
100159068	Left side	12,5	24	95.03 p/u	100159067	Left side	12,5	32	124.92 p/u
100160219	Right side	12,5	24	95.03 p/u	100160218	Right side	12,5	32	124.92 p/u
100159069	Left side	12,5	32	150.07 p/u					

Black lacquered stainless steel							
SAP		h1 (mm)	h2 (mm)	P/EU			
100350798	Left side	12,5	24	94.20 p/u			
100350799	Right side	12,5	24	94.20 p/u			
100350796	Left side	12,5	32	146.58 p/u			
100350797	Right side	12,5	32	146.58 p/u			

Profile length h2=24 Profile length h2=32 980 mm 1480 mm

pro-shower wall

100160280 Right side 12,5 32



	_		
Ö1	16	pro-shower wall	ľ
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Chromed stainl	ess steel				Brushed stainl	ess steel			
SAP		h1 (mm)	h2 (mm)	P/EU	SAP		h1 (mm)	h2 (mm)	P/EU
100159100	Left side	12,5	32	150.07 p/u	100159088	Left side	12,5	32	124.92 p/u
100160248	Right side	12,5	32	150.07 p/u	100160246	Right side	12,5	32	124.92 p/u
Black lacquered	d stainless ste	el							

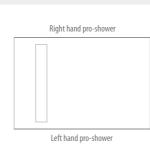
SAP		h1 (mm)	h2 (mm)	P/EU
100350800	Left side	12,5	32	146.50 p/u
100350801	Right side	12,5	32	146.50 p/u

Profile length h2=32



pro-shower deco

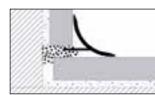
Black lacquered stainless steel					
SAP	h (mm)	P/EU			
100350836	24	64.04 p/u			
100350837	32	69.00 p/u			
100350838	40	74.00 p/u			
Profile length	1250 mm				



pro-sanit

Concave profile for installation where walls and floors meet or between wall coverings and bathtubs, shower trays or other bath elements. It substitutes the traditional curve ceramic piece.

It reduces the risk of water leakage and eases cleaning and preservation of angles between floor and wall coverings.







: 4	114
pro-sanit	UI





pro-sanıt	U1		<u> </u>	pro-sanit U1 alu
High gloss alum	inum			
SAP		h (mm)	P/EU	
100062075		16	35.99 p/u	
100062076		22	41.07 p/u	
Anodized alumi	nium silver			
SAP		h (mm)	P/EU	
100062077		16	15.56 p/u	
100062078		22	19.48 p/u	
Lacquered alum	inium			
SAP		h (mm)	P/EU	
100062079	white	16	21.78 p/u	
100062080	white	22	27.24 p/u	

pro-sanit U2	
pro same oz	





Stainless steel				Stainless steel	corner		
SAP		h (mm)	P/EU	SAP		h (mm)	P/EU
100005566	Gloss	12,5	71.63 p/u	100005567	Gloss outer	12,5	11.70 p/u
100005569	Brushed	12,5	96.69 p/u	100005568	Gloss inner	12,5	11.70 p/u
				100005570	Brushed outer	12,5	11.70 p/u
				100005571	Brushed internal	12,5	11.70 p/u

pro-sanit U2





PVC			
SAP		h (mm)	P/EU
100005542	white	11 x 11	21.73 p/u

pro-sanit U1 and pro-sanit U2 profiles length: 2500 mm

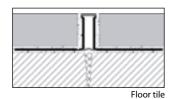
TECHNICAL PROFILES

TECHNICAL PROFILES

pro-dilata

Profile for movement joints in ceramic wall and floor coverings.

PVC profiles with a central elastic joint for the absorption of tensions in the ceramic floor. Available in several colours and joint widths, they are the best solution for creating intermediate movement joints.





pro-dilata PVC pro-dilata CFL CFL 8 mm P/EU SAP h (mm) **15.23** p/u 100005685 White 12,5 **15.20** p/u 100005682 Beige 10 **15.23** p/u 100005686 Beige 12,5 **19.63** p/u 100005690 Beige 15 100005683 Black 10 **15.20** p/u **15.23** p/u 100005687 Black 12,5 **19.63** p/u 100005691 Black 15 **15.20** p/u 100005684 Grey 10 **15.23** p/u 100005688 12,5 Grey **19.63** p/u 100005692 Grey 15 <u>→</u> <u>←</u> <u>►</u> pro-dilata PVC

CFI 5 mm			
SAP		h (mm)	P/EU
100316178	Light grey	9	15.10 p/u
100159078	Light grey	11	15.50 p/u
100159080	Light grey	12,5	15.94 p/u
100316191	Grey	9	15.10 p/u
100159076	Grey	11	15.50 p/u
100159077	Grey	12,5	15.94 p/u
100316182	Black	9	15.10 p/u
100159081	Black	11	15.50 p/u
100159082	Black	12,5	15.94 p/u
100316183	Beige	9	15.10 p/u
100159074	Beige	11	15.50 p/u
100159075	Beige	12,5	15.94 p/u

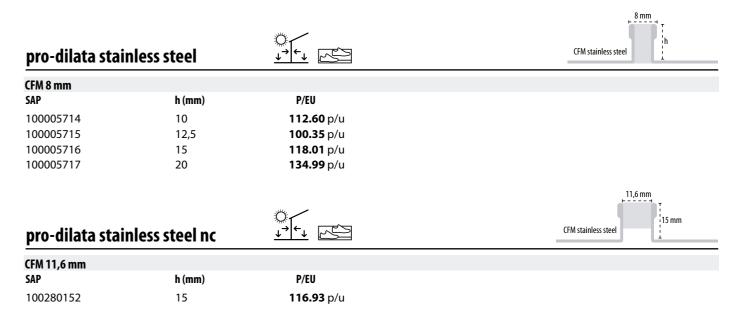
pro-dilata

Profile for movement joints in ceramic floor coverings.

Metal profiles with a central elastic joint for the absorption of tensions in the ceramic floor. New pro-dilata is a 8 and 10 mm wide precast expansion joint for indoor and outdoor ceramic floors.







pro-dilata aluminium			CFM aluminum
CFM 10 mm			
SAP	h (mm)	P/EU	
100005698	10	74.60 p/u	
100005699	12,5	60.44 p/u	
100005700	15	63.47 p/u	
100005702	20	88.10 p/u	

TECHNICAL PROFILES TECHNICAL PROFILES

structural joints

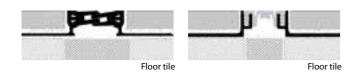
structural joints BT

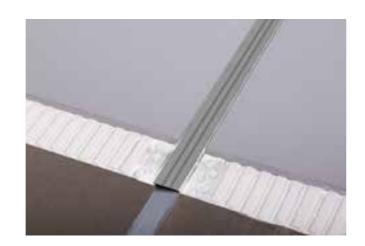
100332093

100324431

Profile for structural joints in ceramic floor coverings.

Metallic profiles with a central elastic joint that absorbs the structural movements of the support. Available with deformable polypropylene joint for pedestrian transit and moving metallic joint for wheeled transit.



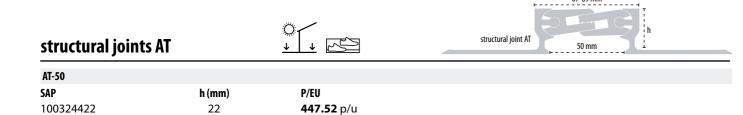




BT-34			
SAP		h (mm)	P/EU
100332105	Gris	22	273.14 p/u

Accepted traffic: Pedestrian and vehicles with pneumatic wheels up to 35 kN.

Gris



327.80 p/u

631.66 p/u

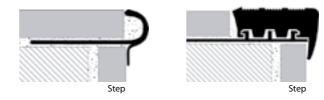
Accepted traffic: Pedestrian, vehicles with pneumatic wheels up to 300 kN and forklift trucks or solid wheeled hand pallet trucks up to 9 kg/mm.

50

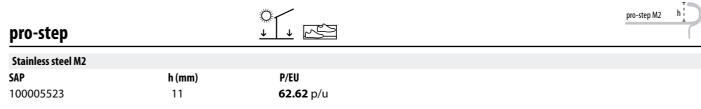
pro-step

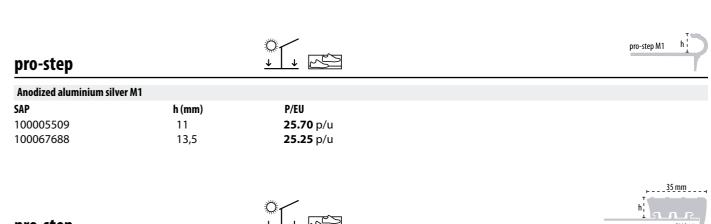
Profile for the making of stair steps. It substitutes the traditional step ceramic piece by a combination of ceramic tile and profile.

Metallic profiles that cover the non-glazed edge of the tile, protect it from shocks and reduce the risk of slipping.









pro-step			↓ ↓ ↓	pro-step PVC 35
PVC 35				
SAP		h (mm)	P/EU	
100005482	Grey	11	51.52 p/u	

BT profile length: 2500 mm Profile length: 2500 mm Profile length: 2500 mm



PRO-SKIRTING

Metal profiles. They replace traditional ceramic skirting. Specially recommended for shops and public buildings.







pro-skirting silver

pro-skirting black

Q.		
	L↓	

pro-skirting black			pro-skirting corner black	pro-skirting corner black		
SAP		P/EU	SAP	P/EU		
100213522	12x60x2500 mm	33.84 p/u	100213153 12x60x12 mm	11.75 p/u		
100225511	12x100x2500 mm	48.94 p/u	100236020 12x100x12 mm	12.84 p/u		

Ö 1		
<u></u>	↓	

pro-skirting white			pro-skirting corner white		
SAP		P/EU	SAP		P/EU
100213533	12x60x2500 mm	31.94 p/u	100213200	12x60x12 mm	11.75 p/u
100225498	12x100x2500 mm	48.94 p/u	100235979	12x100x12 mm	12.84 p/u

pro-skirting silver

pro-skirting white

pro-skirting silver			pro-skirting corner silver	pro-skirting corner silver		
SAP		P/EU	SAP	P/EU		
100213532	12x60x2500 mm	33.84 p/u				
100225479	12x100x2500 mm	49.36 p/u	100235986 12x100x12 mm	12.84 p/u		

Fixing clips pro-skirting				
SAP				
100193608	17x30 mm	50 ud		

P/EU 15.80 p/bag

pro-skirting silver

PRO-PLINT

Metallic profiles for skirtings. They have a high mechanical resistance with a functional, modern design. Specially recommended for office floors and raised access floors.



pro-plint stainless steel

pro-plint stainless steel

48.66 p/u 100005635 brillante 100005636 **57.30** p/u cepillado

80 mm

pro-plint anodized aluminium



pro-plint anodized aluminium			pro-plint corner a	pro-plint corner anodized aluminium		
SAP		P/EU	SAP		P/EU	
100073104	Silver	45.84 p/u	100073105	Outer	6.88 p/u	
			100073106	Internal	8.32 p/u	

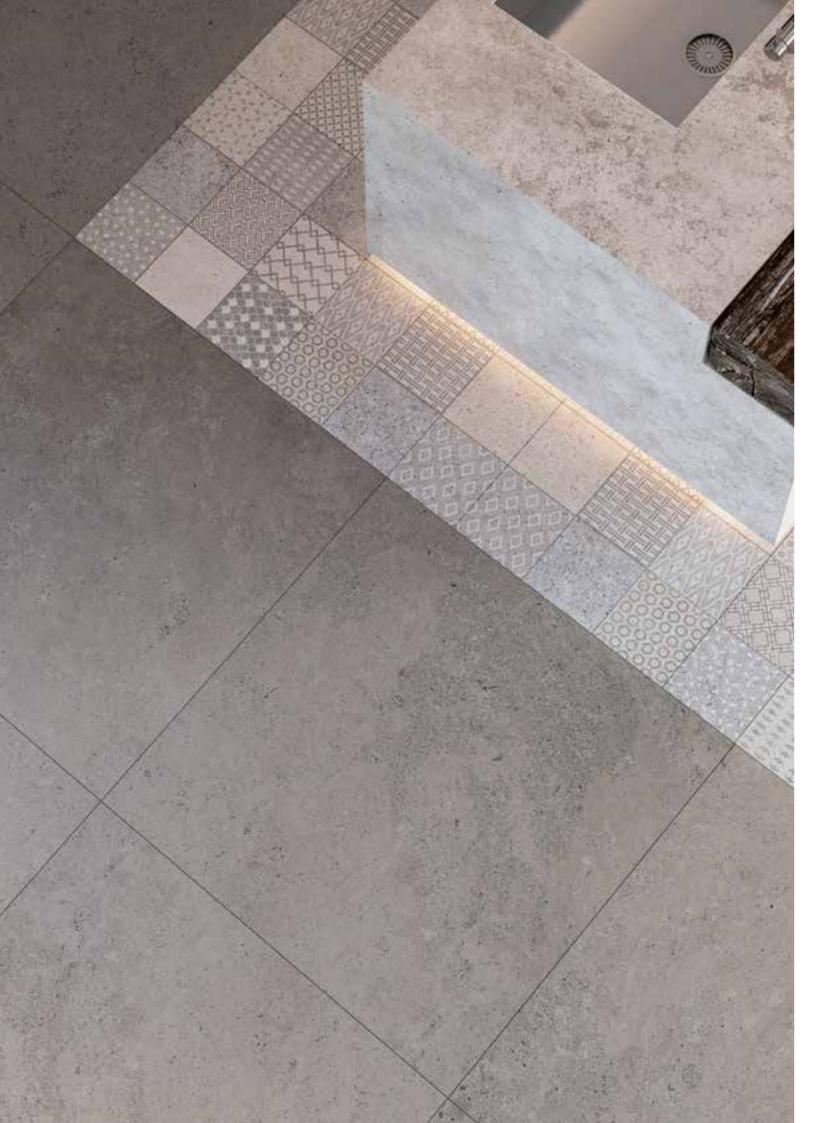
pro-plint lateral cap

P/EU 8.68 p/u 100073107 Right Left **5.14** p/u 100073108

pro-plint connection

P/EU 8.03 p/u 100073109

pro-plint stainless steel



ADHESIVES

CEMENT-BASED ADHESIVES

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tixocem plus

tixocem plus is a type C1TE cement-based adhesive as per EN 12004, suitable for laying absorbent ceramic tiles using the thin-bed method on cement, plasterboard substrates and for laying non-absorbent ceramic tiles on cement-based substrates. Specially recommended for laying porcelain tiles indoors.

It solves simply and effectively the laying of absorbent ceramic tiles on cement-based, plasterboard or brick supports. With this adhesive, tiles can be laid on a medlum-bed layer on uneven substrates. It can be laid on thicknesses up to 10 mm. Waterproof and frost-resistant.



Certifications / Standards:

EN 12004 C1TE

Features:

- Cement-based, single component adhesive.
- Optimal workability. Thixotropic.
- Extended working times. Open time higher than 30 min.
- Application thickness up to 10 mm.
- Frost-resistant.
- Mixing water: 8 L per 25 kg bag

Recommended uses:

- Medium and small format wall tile coverings for indoor use.
- Medium format porcelain floor tile coverings for indoor use.
- Medium format floor tile coverings for indoor use.
- Uneven substrates.

fr-one n





fr-one n is a type C2TE high-tech cement-based adhesive, as per EN 12004, for laying all kinds of ceramic tiles on the most used substrates in the building industry. Specially recommended for large format tiles and uneven substrates.

Advanced, high-performance, single-component, easy to use adhesive for laying all kinds of ceramic tiles. With this adhesive, tiles can be laid on a medium-bed layer on uneven substrates. It can be laid on thicknesses up to 15 mm. Specially recommended for porcelain floor tiles, marble with no risk of stain formation, large formats and pools. Thixotropic.



Certifications/Standards:

EN 12004 C2TE

CCTD: 2452 2

CSTB: 2452-243 MC 301 C2-E

Features:

- Cement-based, single component adhesive.
- Excellent adherence.
- Optimal workability. Extended working times. Open time higher than 30 min.
- High initial adherence and no sagging.
- Application thickness up to 15 mm.
- Frost-resistant.
- Mixing water: 7 7.50 L per 25 kg bag

Recommended uses:

- · Large format interior wall tiles
- Large format porcelain indoor flooring
- Outdoor porcelain flooring
- Uneven substrates
- High traffic floor tiles
- Damp environments
- On bonded facades and pools, replace mixing water with unilax additive

Substrates:

- Cement-based screeds
- Cement render
- Anhydrite screeds, having previously applied uniprim
- Plasters, having previously applied uniprim
- Large-format ceramic brick
- Plasterboard panels

Materials:

- Medium and small format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tile

Substrates:

- Cement-based screeds
- Cement render
- Concrete slabs and floors
- Anhydrite screeds, having previously applied uniprim
- Plasters, having previously applied uniprim
- Large-format ceramic brick
- Pre-existing tiles/mosaic/stones*
- Plasterboard panels

Materials:

- Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- Glass mosaic
- Natural stone and marble not prone to staining**

Coverage:

Small format and mosaic / Trowel U4:
 Medium format / Trowels U6-U8:
 Large format / Trowels U10-U12:
 5-7 kg/m²

Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

tixocem plus

SAPPresentationEuropalletP/EU100043280tixocem blancobag 25 kg1200 kg/pallet**0.59** p/kg

Coverage:

Small format and mosaic / Trowel U4: 2-3 kg/m²
 Medium format / Trowels U6-U8: 3-5 kg/m²
 Large format / Trowels U10-U12: 5-7 kg/m²

Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country.

- * super-prim improves the adherence on polished ceramics and glossy finishing tiles
- ** For slates and similar materials, consult with Butech's Technical Department.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

fr-one n

SAP		Presentation	Europallet	P/EU
100004241	fr-one n blanco	bag 25 kg	1000 kg/pallet	1.14 p/kg
100004244	fr-one n gris	bag 25 kg	1000 kg/pallet	1.08 p/kg
100277878	r-eco	bag 250 gr		1.31 p/u

maxifluid



maxifluid is a type C2ES1 high-performance cement-based adhesive, as per EN 12004, for laying all kinds of ceramic tiles on floors. Its high wettability and fluidity ensure full coverage of the underside of tiles without having to resort to the floating and buttering method.

A high-performance fluid, flexible adhesive for laying void-free ceramic floors. Specially recommended for porcelain floor tiles and large formats. Indoors and outdoors.



Certifications/Standards:

EN 12004 C2FS1



Features:

- Cement-based, single component adhesive.
- A fluid mortar, applicable with a notched trowel, that under the tile pressure, flows and covers the whole back of the tile.
- Excellent adherence.
- Flexible.
- Extended working times. Open time higher than 30
- Application thickness up to 10 mm.
- Frost-resistant.
- Mixing water: 5,2 5,8 l per 25 kg bag

Recommended uses:

- Indoor and outdoor porcelain floor tiles
- Large format porcelain floor tiles
- High traffic floor tiles
- Floor tiles with radiant heating
- Laying of tiles on existing glazed floor tiles
- Never use for wall tiles

Substrates:

- Cement-based screeds
- Concrete slabs and floors
- Anhydrite screeds, having previously applied uniprim
- Pre-existing tiles/mosaic/stones*
- Mixed with unilax, acoustic insulation fonopacr

Materials:

- Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- Clav tiles
- Natural stone and marble not prone to staining

Coverage:

Medium format / Trowels U6-U8: 4-6 kg/m² Large format / Trowels U10-U12: $6-8 \text{ kg/m}^2$ Large format / Trowel ∩10: $6-8 \text{ kg/m}^2$

Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country.

- * super-prim improves the adherence on polished ceramics and glossy finishing tiles
- ** For slates and similar materials, consult with Butech's Technical Department.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

maxifluid

P/EU Presentation 100033113 maxifluid gris bag 25 kg 1000 kg/pallet 1.09 p/kg 100277878 bag 250 gr **1.31** p/u r-eco

one-flex Premium





one-flex Premium is a type C2TES1 high-performance cement-based adhesive, as per EN 12004, for laying all kinds of ceramic tiles on the most used substrates in the building.

Very easy to use, one-flex premium can be prepared with a wide range of mixing water giving different properties to the adhesive; high wettability for large floor tiles or an excellent consistency for bedding thickness up to 15mm. Professional use.



Certifications/Standards:



CSTB: 3110-243 MC 574 C2-S1-E

Features:

- Excellent adherence. Flexible.
- Bonding material, with excellent mixing and application features.
- High initial adherence and no sagging. Thixotropic.
- Extended working times. Open time higher than 30
- Application thickness from 2 to 15 mm.
- Broad spectrum in the percentage of mixing water: one-flex premium white

Mixing water: 8.1 - 8.9 L per 25 kg bag one-flex premium grey

Mixing water: 6.5 - 7.2 L per 25 kg bag

Recommended uses:

- Floors and walls with rectified tiles
- Large format indoor porcelain wall tiles
- Large format porcelain indoor flooring.
- Outdoor porcelain flooring.
- High traffic floor tiles
- Floor tiles on radiant heating
- Pools and damp environments
- On bonded facades and pools, replace mixing water with unilax additive

Substrates:

- Cement-based screeds
- Cement render
- Concrete slabs and floors
- Anhydrite screeds, having previously applied uniprim
- Plasters, having previously applied uniprim
- Large-format ceramic brick
- Pre-existing tiles/mosaic/stones*
- Plasterboard panels
- Cement-based panels
- Mixed with unilax, acoustic insulation fonopacr

Materials:

- Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- Glass mosaic
- Natural stone and marble not prone to staining

Coverage:

Small format and mosaic / Trowel U4: 2-3 kg/m²

Medium format / Trowels U6-U8: $3-5 \text{ kg/m}^2$ $5-7 \text{ kg/m}^2$

Large format / Trowels U10-U12: Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country

- * super-prim improves the adherence on polished ceramics and glossy finishing tiles
- ** For slates and similar materials, consult with Butech's Technical Department.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

one-fl	ex l	Premi	ium	

SAP		Presentation	Europallet	P/EU
100201526	one-flex Premium blanco	bag 25 kg	1000 kg/pallet	1.48 p/kg
100201543	one-flex Premium gris	bag 25 kg	1000 kg/pallet	1.42 p/kg
100277878	r-eco	bag 250 gr		1.31 p/u

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super-one n

super-one n is a type C2FTS1 high-performance cement-based adhesive, as per EN 12004, ready for traffic after 4 hours. Specially recommended for quick installation and use of ceramic tiles and natural stone.

It solves the need of quick installation of any kind of ceramic tile, including porcelain tiles. Ready for traffic in just 4 hours, this adhesive can be used to lay ceramic tiles and natural stone in environments where high mechanical performance is needed, such as commercial or industrial flooring or flooring with radiant heating. Waterproof and frost-resistant.



Certifications/Standards:

EN 12004 C2FTS1



CSTB: 2455-252 MC 312 C2-S1-F

Features:

- · Cement-based, single component adhesive.
- Ready for traffic in just 4 hours.
- Excellent adherence. Flexible.
- Fine texture mortar, with excellent mixing and application features.
- High initial adherence and no sagging.
- Extended working times. Open time higher than 30 min.
- Application thickness up to 10 mm.
- Frost-resistant.
- Mixing water: 6.0 l per 25 kg bag

Substrates:

- Cement-based screeds
- Cement render
- Concrete slabs and floors
- Anhydrite screeds, having previously applied uniprim
- Plasters, having previously applied uniprim
- Pre-existing tiles/mosaic/stones*
- Plasterboard panels
- Cement-based panels
- Mixed with unilax, acoustic insulation fonopacr

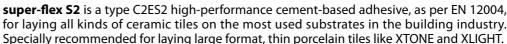
Recommended uses:

- Laying of ceramics in refurbishing jobs
- Floors and walls with natural stone**
- Indoor large format ceramic wall tiles
- Large format porcelain indoor flooring
- Outdoor porcelain flooring
- Plywood substrates
- High traffic floor tiles
- Floor tiles on radiant heating
- Pools and damp environments
- On bonded facades, replace mixing water with **unilax** additive
- For flooring with marble aggregates installed in areas without direct sunlight, mix with unilax.

Materials:

- Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- Glass mosaic
- Natural stone and marble not prone to staining
- Natural stone and marble prone to staining
- Marble agglomerates

super-flex S2



This adhesive features excellent performance in adherence and deformability with no need for mixing with additives and excellent conditions of use: an only 15 kg package. This state-of-the-art adhesive includes additives and polymers which increase performance. This means that with a 15 kg bag of super-flex S2 you can lay approximately the same tiles surface than with a 25 kg bag of regular adhesive.



Certifications/Standards:

EN 12004 C2ES2

Features:

- Cement-based, single component adhesive.
- · Lightened adhesive. Low consumption onsite.
- Maximum adherence and deformability.
- Extended working times. Open time higher than 30 min.
- Application thickness up to 10 mm.
- Frost-resistant.
- Mixing water: 6 l per 15 kg bag

Recommended uses:

- Interior walls with slim tiles as XTONE and XLIGHT
- Floors and walls with XTONE and XLIGHT
- Large format indoor and outdoor ceramic wall tiles
- · Large format indoor and outdoor porcelain floor tiles
- High traffic floor tiles
- Floor tiles on radiant heating
- Pools and damp environments

Substrates:

- Cement-based screeds
- Cement render
- · Concrete slabs and floors
- Anhydrite screeds, having previously applied uniprim
- Plasters, having previously applied uniprim
- Pre-existing tiles/mosaic/stones*
- Plasterboard panels
- · Cement-based panels
- acoustic insulation fonopacr

Materials:

- Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- XTONE and XLIGHT
- Glass mosaic
- Natural stone and marble not prone to staining
- Marble agglomerates

Coverage:

Small format and mosaic / Trowel U4:
 Medium format / Trowels U6-U8:
 Large format / Trowels U10-U12:
 5-7 kg/m²

Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country,

- * super-prim improves the adherence on polished ceramics and glossy finishing tiles
- ** For slate or similar please contact the Butech technical department

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

super-one n

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SAP		Presentation	Europallet	P/EU
100031188	super-one n blanco	bag 25 kg	1000 kg/pallet	1.90 p/kg
100031189	super-one n gris	bag 25 kg	1000 kg/pallet	1.32 p/kg
100277878	r-eco	bag 250 gr		1.31 p/u

Coverage:

Small format and mosaic / Trowel U4: 2 kg/m²
 Medium format / Trowels U6-U8: 2-4 kg/m²
 Large format / Trowels U10-U12: 4-6 kg/m²

Approximate coverage according to laboratory tests.

 $Regardless \ of our \ recommendations \ for \ use \ indicated \ for \ this \ adhesive, \ respect \ the \ installation \ regulations \ in \ force \ in \ each \ country.$

* super-prim improves the adherence on polished ceramics and glossy finishing tiles

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

super-flex S2

SAP		Presentation	Europallet	P/EU
100142757	super-flex S2 blanco	bag 15 kg	600 kg/pallet	3.81 p/kg
100277878	r-eco	bag 250 gr		1.31 p/u

r eco



r &co is the first additive for cement-based adhesives that includes post-consumer recycled plastic in its composition. Developed from fine PET flakes, it is incorporated into the mix of Butech's cement-based adhesives, participating in the reduction of plastic contamination without affecting the performance of the bonding material. Indoor use.

r &co includes 250 gr. 100% recycled plastic, recommended quantity for each 25 kg bag of adhesive, and equivalent to 50 grocery bags. With a simple gesture, if this additive were used in the laying of all the ceramics produced by PORCELANOSA, around 1,000 Tm of plastic would be recycled and improving the state of our planet.





Features:

- Manufactured from PET bottles
- Origin: Post-consumption collected and treated in EC
- Particle size: < 0.2 mm
- Density: 0,575 gr/cm³
- Compatible with Butech's C2 type adhesives
- Percentage in mix: 250 gr of r-eco per 25 kg bag
- Indoor use

$\label{lem:compatible} \textbf{Compatible with the following adhesives:}$

- tixocem plus
- fr-one n
- maxifluid
- one-flex Premium
- super-one n

unilax



unilax is a latex that, mixed with cement-based adhesives like one-flex Premium, fr-one n or super one n, rapimax n or maxifluid improves bonding strength and flexibility up to level C2S2 as per EN 12004. Specially recommended for laying wall tiles outdoors.

A resin-based latex that can be added to cement-based adhesives to enhance their bonding strength and flexibility. Specially recommended for exterior facades.



Features:

- Water-based acrylic resins latex.
- Resistant to the most common chemicals.
- Excellent resistance to heat.
- Frost-resistant.

Recommended uses:

- Laying of tiles in facades.
- Large format ceramic floor tiles on radiant heating.
- Indoor large format ceramic tile coverings on slightly deformable substrates.
- · Indoor and outdoor porcelain tile coverings.
- High traffic floor tiles.
- Pools and damp environments.

Substrates:

- Cement-based screeds
- Cement render
- Concrete slabs and floors
- · Anhydrite screeds, having previously applied uniprim
- Plasters, having previously applied uniprim
- Pre-existing tiles/mosaic/stones*
- Plasterboard panels
- Cement-based panels

Materials:

- · Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- Glass mosaic
- · Natural stone and marble not prone to staining
- Natural stone and marble prone to staining
- Marble agglomerates

P/EU

480 kg/pallet

6.88 p/kg

7.35 p/kg

Coverage:

100004377

- For each cementitious adhesive, replace the water in the mixing with the same amount of unilax.
- *super-prim improves the adherence on polished ceramics and glossy finishing tiles

unilax

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

can 5 kg

unilax SAP Presentation P/EU SAP Presentation Europallet 100277878 r-eco bag 250 gr 1.31 p/u 100004376 unilax can 20 kg 560 kg/pallet

politech n

<u>↓</u>, [-]

politech n is a type R2T high-tech, two-component polyurethane adhesive as per EN 12004, for laying tiles on deformable substrates. Specially recommended for special substrates like metal sheets or synthetic materials, where cement-based adhesives cannot be used.

A high-tech two-component polyurethane adhesive with high performance properties. Suitable for laying ceramic tiles of all kinds on deformable substrates.



Certifications/Standards:

EN 12004 R2T

Features:

- · Two-component polyurethane adhesive.
- · Excellent adherence. Maximum deformability.
- No water absorption. Waterproof.
- High chemical resistance.
- High initial adherence and no sagging.
- Application thickness up to 8 mm.
- · Frost-resistant.

Recommended uses:

- Laying of wall tiles not compatible with cement-based adhesives
- Wall tiles on substrates not compatible with cementbased adhesives
- Floor tiles on deformable substrates
- Floor tiles with special chemical resistance
- Pools and damp environments, steam rooms and spas
- Laying of slate and other natural stones with risk of deformation by water absorption.

High-absorption ceramic tiles and stoneware

Natural stone and marble not prone to staining

Slates and similar sensitive to contact with water

Natural stone and marble prone to staining

KRION and other kinds of solid surface

Interior flooring of marble agglomerates.

Large format ceramic tiles

Porcelain tiles

Glass mosaic

XTONE and XLIGHT

Marble agglomerates.

KRION sheets

Materials:

- Cement-based screeds
- Cement render

Substrates:

- Concrete slabs and floors
- Anhydrite screeds
- Renders and plasterboards
- Pre-existing tiles/mosaic/stones
- Plasterboard panels
- Cement-based panels
- Wood panels
- Metal surfaces
- Polyester or PVC surfaces
- Glass surfaces

Coverage:

Small format and mosaic / Trowel U3: 2 kg/m²
 Medium format / Trowels U4: 2-3 kg/m²
 Large format / Trowels U6: 3-4 kg/m²

Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

politech n

SAP Presentation Europallet P/EU
100138260 politech n blanco can 12 kg 576 kg/pallet 11.95 p/kg

politech *Premium*



politech Premium is a reactive resin adhesive that is super easy to handle and easy to use, especially when we need maximum bonding strength and deformability. It is suitable for most wall coverings and substrates used in construction, ensuring the correct installation of materials such as L'ANTIC COLONIAL'S AIRSLATE.

We work with it as a cement-based adhesive, but with the bonding, flexibility, and water resistance capabilities of a reactive resin adhesive. Professional use.



Certifications/Standards:

EN 12004 R2T

Features:

- · Two-component reactive resins adhesives.
- Unbeatable workability; same as that of any cementbased adhesive.
- Maximum adherence and excellent flexibility; more than 50 mm in transversal deformability.
- · High wettability and long open time.
- Quick-drying: admits light traffic 6 hours after installation.
- Application thickness up to 15 mm.

Recommended use:

- Laying of wall tiles not compatible with cement-based adhesives
- Wall tiles on substrates not compatible with cementbased adhesives
- Floor tiles on deformable substrates
- Floor tiles with special chemical resistance
- Pools and damp environments, steam rooms and spas
- Stone sheets for wall coverings as AIRSLATE by L'ANTIC COLONIAL
- Laying of slate and other natural stones with risk of deformation by water absorption.

Substrates:

- Substrates in concrete and cement or anhydrite mortar
- Slabs and cement mortar or gypsum rendering.
- Plasterboard and wood panels.
- Existing wall tiles.
- Metal sheets.
- Surfaces painted with epoxy or polyurethane-based resins

Materials:

- Large format ceramic tiles
- High-absorption ceramic tiles and stoneware
- Porcelain tiles
- XTONE and XLIGHT
- Glass mosaic
- Natural stone and marble not prone to staining
- Natural stone and marble prone to staining
- Slates and similar sensitive to contact with water
- AIRSLATE
- Marble agglomerates.

Coverage:

Small format and mosaic / Trowel U3: 2 kg/m²
 Medium format / Trowels U4: 2-3 kg/m²
 Large format / Trowels U6: 3-4 kg/m²

 $\label{lem:proximate} \mbox{Approximate coverage according to laboratory tests.}$

 $Regardless \ of our \ recommendations \ for \ use \ indicated \ for \ this \ adhesive, \ respect \ the \ installation \ regulations \ in \ force \ in \ each \ country.$

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

politech Premium

SAP Presentation Europallet P/EU
100217753 politech Premium can 10 kg 330 kg/pallet 17.56 p/kg

linkfloor fix



linkfloor fix is a solvent-free acrylic adhesive for lightweight floor coverings such as carpets, PVC, rubber or linoleum sheets, even on heavily trafficked floors. Its high performance and great versatility allow it to be used in all types of technical installations like sports venues, including walls. Professional use.

Especially recommended for installing Linkfloor floors from L'ANTIC COLONIAL.



skins fix

skins fix is a coloured adhesive for the installation of all types of wallpapers: non-woven fabric (TNT), vinyl, duplex, light, heavy and other wallpapers. The colour indicator marks the area where the glue has been applied, facilitating the application of the wallpaper.

Especially developed for the installation of SKINS WALLPAPER from L'Antic Colonial.



Features:

- Solvent- and odor-free adhesive
- Excellent adhesion and flexibility
- High initial grip, especially for wall applications
- Resistant to high traffic such as hospitals or airports
- Compatible with underfloor heating
- Suitable for the installation of new PVC sheets on existing PVC flooring

Recommended use:

- Non ceramic, indoor floor and wall coverings
- High traffic floor coverings.
- Floor coverings on radiant heating.

Features:

- Ready-to-use adhesive
- Pink colour during application, transparent once dry

Recommended use:

- Interior walls with all kinds of wallpapers
- Suitable for environments with the presence of humidity such as kitchens and bathrooms
- Applicable on furniture and doors
- Suitable for all types of wallpapers: light, heavy, vinyl, woven or duplex
- Laying of slate and other natural stones with risk of deformation by water absorption

Substrates:

- Cement covered floors and walls.
- Concrete slabs.
- Plasterboards.
- Existing ceramic floor and wall coverings.
- Existing parquet floors.
- Existing PVC floors.
- On fire-resistant or water-resistant wood panels, apply super-prim

Materials:

- Decorative PVC Tiles (LVT).
- Homogeneous and multi-layer PVC (tiles or rolls).
- PVC on cork.
- Polyolefins.
- Linoleum in rolls.
- Expanded vinyls with relief.
- Semiflexible tiles.
- Carpets with or without backing.
- Carpets on foam (latex).
- Carpets with non-woven backing.
- Carpets with synthetic back (Action Back).
- Especially indicated for Linkfloor from L'ANTIC COLONIAL

Coverage:

linkfloor fix

- Wall tiles with smooth and non-embossed backs
- Wall tiles with rough backs

 $200 - 250 \,\mathrm{gr/m^2}$ $200 - 250 \,\mathrm{gr/m^2}$

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country.

Before using this product in any application not indicated in this catalog, please perform a test or refer to the product's technical sheet.

Approximate coverage according to laboratory tests.

SAP Presentation 100243761 linkfloor fix

can 20 kg

Europallet 640 kg/pallet

P/EU **12.02** p/kg

Substrates:

Supports suitable for wallpaper, sound, dry, clean, solid, smooth and absorbent

Coverage:

Approximately 125 gr/m²

Materials:

P/EU

7.44 p/kg

• Suitable for all types of wallpapers: light, heavy, vinyl, woven or duplex

Approximate coverage according to laboratory tests.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

skins fix

SAP Presentation 100309616 skins fix can 3 kg

h-920

h-920 is a high-performance hybrid polymer adhesive and sealant. It polymerizes in contact with environmental humidity, becoming an elastomer with extraordinary elasticity and excellent adhesion. Free of isocyanates, silicones and solvents, provides a high grip since its application, on a wide variety of materials used in construction such as ceramic or porcelain tiles, natural stone, wood or metal. Professional use.



Features:

- Hybrid polymer suitable as both adhesive and sealant.
- Maximum flexibility
- High mechanical performance
- Great initial grip; rapid skin formation and final
- Excellent adhesion even on wet surfaces and immersion
- Resistant to UV radiation and atmospheric agents
- **Paintable**

Recommended applications:

- Interior and exterior coatings
- Direct stick adhesive, immediate hold.
- Elastic bonding in construction on galvanized sheets, ferrous or non-ferrous metals, plastic materials or polystyrene. Especially recommended for:

 - Installation of ventilated facades.

 - Installation of raised access floors
- Bonding Concept XPS panels.
- Sealing of movement joints in walls

Supports:

• All the usual supports for laying tiles

Coverage:

Approximately 2 m²/cartridge

Approximate coverage according to laboratory tests.

Materiales:

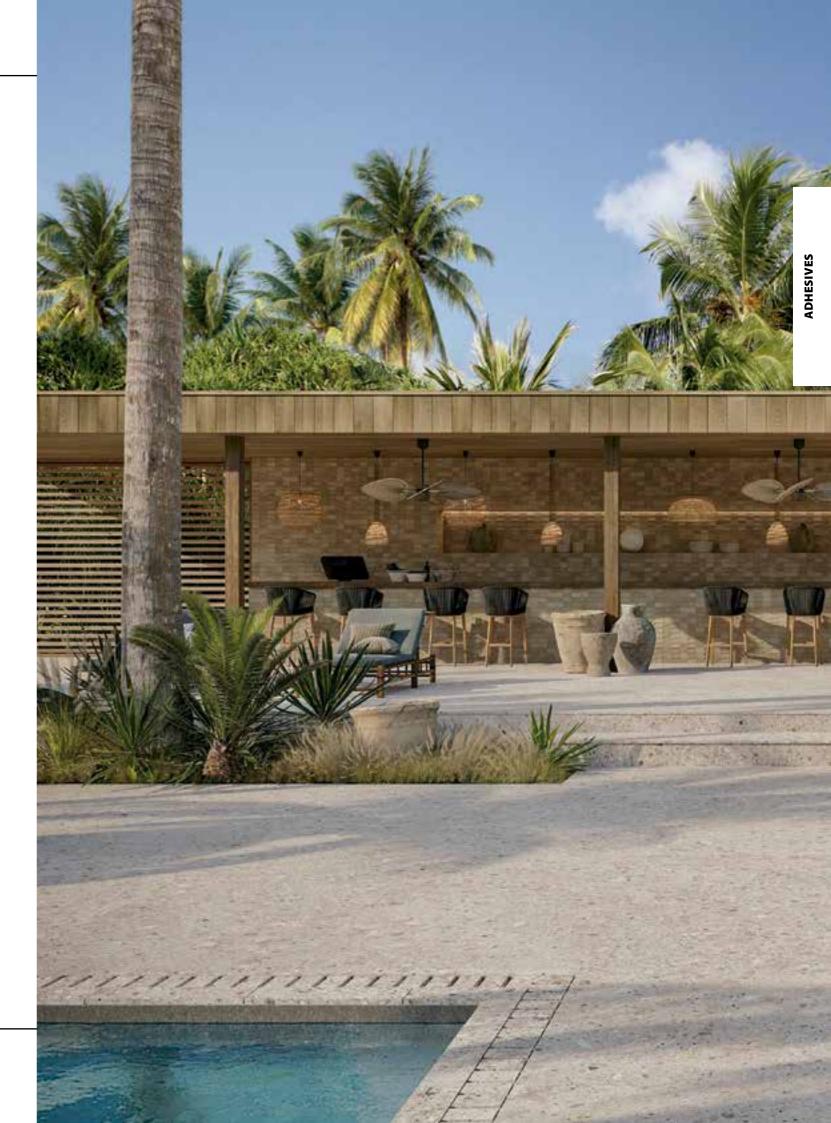
- Ceramic tiles and glass mosaic.
- Brick, concrete, exposed work, marble and natural stone.
- Wood panels.
- Concept XPS and other polystyrene panels.

 Metals such as aluminium, iron, zinc and galvanized.
- PVC and plastic materials.
- KRION and other types of solid surface.

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country. Before using this product in any application not indicated in this catalog, please perform a test or refer to the product's technical sheet.

h-920

SAP P/EU Presentation **Packaging** 100292915 **11.89** p/u h-920 white cartridge 290 ml 25 ud/box



bonded façade clips

These clips have been designed as a security element in bonded façades using porcelain tiles installed by the thin-layer and back-butter method. The use of cementitious adhesives type C2S2 according to EN 12004 is recommended.

Features:

• Stainless Steel clips 1.4301 (AISI 304 V2A)

Aplicaciones recomendadas:

- Installation of tiles on outdoor walls
- Installation of tiles in interiors, ceilings and cornices when a mechanical fixing system is needed

Types of clips:

Type 1 Middle clip: joints up to 7mm

Type 2 Perimeter clip: joints up to 7mm.

Type 5 Clip for staggered pattern: joints up to 7mm.

Type 1





Type 2



Coverage:

The number of clips varies with each façade design. In the case of a regular façade without gaps, the approximate number of clips would be

Straight pattern:

Tile	Clips Type 1	Clips Type 2
59,6cm x 59,6cm	4,5	1,1
59,6cm x 120cm	2,8	0,7
59,6cm x 180cm	2,2	0,6
40cm x 80cm	5,0	1,3
80cm x 80cm	2,5	0,6
120cm x 120cm	1,7	0,4
120cm x 250cm	0,9	0,2
150cm x 300cm	0,7	0,2

Staggered pattern:

Tile	Clips Type 1	Clips Type 2	Clips Type 5
25cm x 150cm	2,7	1,6	6,4
29,4cm x 120cm	2,8	1,7	6,8

bonded façade clips

Hidden clips

Mechanical fixing system for porcelain tiles, where the clip goes into side grooves. Once the joints have been grouted, the clips become hidden without affecting the design of the façade.

Tiles from 10 to 12 mm thick and joints up to 7 mm

STON-KER, SOLIDKER, PAR-KER y HIGHKER

SAP	Description	Clip type	Size	Packaging	P/EU
100005743	Middle clip I	Type 1	40mm x 20mm x 9mm	50 pcs bag	1.53 p/u
100005744	Middle clip A/T 4cm	Type 2	40mm x 20mm x 9mm	50 pcs bag	1.53 p/u
100005745	Middle clip A/T 8cm	Type 2	80mm x 20mm x 9mm	50 pcs bag	1.70 p/u
100315264	Staggered pattern clip	Type 5	40mm x 20mm x 9mm	50 pcs bag	1.97 p/u

^{*} Includes stainless steel screw and plug for ceramic brick or concrete

Exposed clips

Clip for bonded façades where its fastening tabs are visible after the installation of the porcelain tile. Made of stainless steel, they can be supplied lacquered in the colour that best matches the chosen tile.

Tiles from 10 to 12 mm thick and joints up to 7 mm

STON-KER, SOLIDKER, PAR-KER y HIGHKER

SAP	Description	Clip type	Size	P/EU
100110368	Middle clip I	Type 1	40mm x 20mm x 16mm	1.70 p/u
100110369	Middle clip A/T 4cm	Type 2	40mm x 20mm x 16mm	1.70 p/u

^{*} Ask the butech sales team about the availability of lacquered finishes matching the tile chosen

8.5 mm thick tiles and joints up to 7 mm

STON-KER L

SAP	Description	Clip type	Size	P/EU
100315272	Middle clip I	Type 1	40mm x 20mm x 13mm	1.60 p/u
100315290	Middle clip A/T 4cm	Type 2	40mm x 20mm x 13mm	1.60 p/u

 $^{^{*}}$ Ask the butech sales team about the availability of lacquered finishes matching the tile chosen

6 mm thick tiles and joints up to 7 mm

XTONE

SAP	Description	Clip type	Size	P/EU
100315292	Middle clip I	Type 1	40mm x 20mm x 10.5mm	1.50 p/u
100315265	Middle clip A/T 4cm	Type 2	40mm x 20mm x 10.5mm	1.50 p/u

^{*} Ask the butech sales team about the availability of lacquered finishes matching the tile chosen

Regardless of our recommendations for use indicated for this adhesive, respect the installation regulations in force in each country.

^{**} Plug and stainless steel screw not included

^{**} Plug and stainless steel screw not included

^{**} Includes stainless steel screw and plug for ceramic brick or concrete

Selection tables for adhesives

SELECTION OF ADHESIVE FOR RESIDENTIAL INDOOR FLOORING **AND PUBLIC PEDESTRIAN PREMISES**

Types of tiles (ISO 13006): BI₂ / BI₃

	Length longest side of tile						
Type of substrate	≤ 300mm	≤ 600mm	≤ 900mm	≤ 1200mm	> 1200mm		
Cement-based screed without radiant heating	C1	C2			C2S1		
Cement-based screed with radiant heating	C2	C2S1			C2S2		
Anhydrite screed without radiant heating ¹	C1	C2			C2S1		
Anhydrite screed with radiant heating ¹	C2	CZ	2 S 1	C2	C2S2		
Concrete slab or floor	C1 ² /C2	C2	C	2S1	C2S2		
Pre-existing tiles/mosaic/stones		C2		C2	C2S1		
Metal surfaces	R1 R2 ³						

¹ Previous priming with C adhesives.

SELECTION OF ADHESIVE FOR COMMERCIAL INDOOR FLOORING OR FOR INDUSTRIAL USE WITH MECHANICAL REQUIREMENTS

Types of tiles (ISO 13006): BI_a / BI_b

	Length longest side of tile						
Type of substrate	≤ 300mm	≤ 600mm	≤ 900mm	≤ 1200mm	> 1200mm		
Cement-based screed or anhydrite with radiant heating	C2		C2S1				
Cement-based screed or anhydrite without radiant heating	C2 C2S1		C2S2				
Concrete slab or floor	C2	CZ	2 S 1	C2S2			
Pre-existing tiles/mosaic/stones	C2 C2		2S1	C2S2			
Metal surfaces	R1 ²		R2 ^{2,3}				

¹ Previous priming with C adhesives.

SELECTION OF ADHESIVE FOR OUTDOOR FLOORING

Types of tiles (ISO 13006): BI _a							
Type of substrate	Length longest side of tile						
	≤ 300mm	≤ 600mm	≤ 900mm	≤ 1200mm	> 1200mm		
Cement-based screed without radiant heating	C2	C2 S1	C2 S2				
Concrete slab or floor	C2	C2 S1		C2 S2			
Pre-existing tiles/mosaic/stones	C2	S1	C2 S2				
Metal surfaces	R	1 ¹		R2 ¹			

¹The reactive resin adhesive must be highly deformable.

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Selection tables for adhesives

SELECTION OF ADHESIVE FOR INDOOR WALLS AND CEILINGS

Types of tiles (ISO 13006): Bl

	Length longest side of tile						
Type of substrate	≤ 300mm	≤ 600mm	≤ 900mm	≤ 1200mm	> 1200mm		
Lime/cement-based plaster with radiant heating	C1/D1	C1 ² /C2		C2	C2 S1		
Lime/cement-based plaster without radiant heating	C2/D1	C2	S1	C2	2 S2		
Gypsum-based plaster with radiant heating*	C1/D1	C1/C2		C2	C2 S1		
Gypsum-based plaster without radiant heating*	C2/D1	C2	2 S1		C2 S2		
Large-format ceramic brick	C1/D1	C2	C	2 S1	C2 S2		
Concrete	C1 ² /C2/D1	C2	C	2 S1	C2 S2		
Pre-existing tiles/mosaic/stones	C	2	C	2 S1	C2 S2		
Cement/fiber cement -based panels	C1/D1	C	:2	C2 S1	C2 S2		
Large format ceramic brick	C1/D1	C1 ² /C2	C2		C2 S1		
Wood surfaces	C2/D1/R1	C2 S	S1/R1 ³ R2 ³		2 ³		
Metal surfaces		R1 ³	R2³		2 ³		

¹ Previous priming with C adhesives.

SELECTION OF ADHESIVE FOR OUTDOOR WALLS AND CEILINGS

Types of tiles (ISO 13006): BI_a / BIII

	Length longest side of tile						
Type of substrate	≤ 300mm	≤ 600mm	≤ 900mm	≤ 1200mm	> 1200mm		
Lime/cement-based plaster	C2 ¹	C2 S1	C2 S2				
Concrete	C2 S1/D2 ²		C	2 S2			
Cement/fiber cement -based panels	C2 S1/D2 ²	C2 S2 R2 ³			R2 ³		
Metal surfaces	R1	³ R2 ³					

¹ For installation on baseboards (up to 1.5 m in height), it is possible to use a type C2 adhesive.

SELECTION OF ADHESIVE FOR WALL COVERINGS AND FLOORING WITH CERAMIC PLATES

Types of tiles (ISO 13006): Bla

Type of substrate	Not	With fiber ¹			
Type of substrate	≤ 600 mm	> 600 mm	≤ 600 mm	> 600 mm	
Interior flooring and wall coverings	C2	C2 S1	C2 S1	C2 S2	
Cladding over gypsum / fiber cement panels	C2 S2				
Heated exterior or interior flooring	C2 S2				
Facades	C2 S1	C2 S2	C2 S2/R2	R2 ⁴	
Swimming pools		C2 S	2/R2 ²		
Cladding over waterproofing membranes or systems	Given the variety of cases, follow the manufacturers' specifications				
Highly deformable substrates	R2³				

¹ Check/consult compatibility with both manufacturers in case of fiber reinforcement and use of cementitious adhesives.

² The reactive resin adhesive must be highly deformable.

³ The reactive resin adhesive must be highly deformable.

² In industrial flooring with chemical requirements, it is advisable to select R1 or R2 adhesives with chemical resistance.

³ The reactive resin adhesive must be highly deformable.

^{*} In any case, it is advisable to check the manufacturer's technical specifications to ensure that the chosen adhesive and ceramic tile are suitable and compatible. For unique projects, it is advisable to consult the Technical Department of butech.

² In the case that the tile has a water absorption rate higher than 3%, a C1 type adhesive can be used.

³ The reactive resin adhesive must be highly deformable.

² If the coverings are adequately protected from rain and frost.

³ The reactive resin adhesive must be highly deformable.

² The adhesive should be "R" when the type of container, support, or intermediate layers require it.

³ The reactive resin adhesive must be highly deformable.

⁴ In the case of compatibility between both manufacturers, they can consider the possibility of a C2 S2 type adhesive.

^{*} In any case, it is advisable to check the manufacturer's technical specifications to ensure that the chosen adhesive and ceramic tile are suitable and compatible. For unique projects, it is advisable to consult the Technical Department of butech.

Selection tables for adhesives

SELECTION OF ADHESIVE FOR SWIMMING POOL LININGS

		Length of the longest side of the piece in cm				
Type of support	Intermediate layers	≤ 50 mm	≤ 300 mm	> 300mm		
Reinforced concrete, shotcrete/	Plastering/mortar leveling	C 1	C2	C2 S1		
	Cementitious liquid waterproofing	C2	C2	C2 S1		
gunite, factory walls	Liquid waterproofing with reactive resins	R2				
	Sheet membrane waterproofing		C2 S1			
Polyester or liner-bonded	-		R2			

 $^{^{1}}$ The adhesive must be specifically recommended by the manufacturer for swimming pools and vitreous mosaic.

NOTE: In the case of pre-existing tiles, consult the manufacturer.



* In any case, it is advisable to check the manufacturer's technical specifications to ensure that the chosen adhesive and ceramic tile are suitable and compatible. For unique projects, it is advisable to consult the Technical Department of butech.

Coverage tables for butech's adhesives depending on the notched trowel used

ADHESIVE COVERAGE (kg/m²)	U3	U4	U6	U8	U10	U12	∩10
Type of adhesive	3 x 3	4 x 4	6 x 6	8 x 8	10 x 10	12 x 12	R 10 x 10
tixocem plus		2-3	3 - 4	4 - 5	5 - 6		
fr-one n		2-3	3 - 4	4 - 5	5-6	6 - 7	
one-flex premium		2-3	3 - 4	4 - 5	5-6	6 - 7	
super-one n		2-3	3 - 4	4 - 5	5-6	6-7	
super-flex s2		1 - 2	2-3	3 - 4	4 - 5	5-6	
maxifluid						6-7	6-7
politech n	1 - 2	2-3	3 - 4	4 - 5			
politech premium	1 - 2	2-3	3 - 4	4 - 5			

RECOMMENDED NO	TCHED TROWEL	U3	U4	U6	U8	U10	U12	∩10
Type of ceramics	mm x mm	3 x 3	4 x 4	6 x 6	8 x 8	10 x 10	12 x 12	R 10 x 10
Wall tiles	250 x 443		Х	Х	Х			
Wall tiles	333 x 592		Х	х	Х	Х		
Wall tiles	333 x 1000		х	х	х	Х	х	
Wall tiles	450 x 1200		х		х	Х	х	
Wall tiles	596 x 1500		х		х	х	х	
PAR-KER	220 x 900		Х		Х	х		
PAR-KER	193 x 1200		X		X	X	Х	Х
PAR-KER	294 x 1200		X		X	X	X	X
PAR-KER	165 x 1500		X		X	X	X	X
PAR-KER	230 x 1500		X		X	X	X	X
PAR-KER	193 x 1800		X		X	X	X	X
PAR-KER	294 x 1800		X		X	X	X	X
STON-KER	443 x 443		Х	Х	Х	Х		
STON-KER	297 x 596		Х	Х	Х	Х		
STON-KER	400 x 800		Х		Х	Х	Х	Х
STON-KER	596 x 596		Х		Х	Х	Х	Х
STON-KER	800 x 800		Х		х	Х	х	Х
STON-KER	596 x 1200		Х			Х	Х	Х
STON-KER	1200 x 1200		Х			Х	Х	Х
XLIGHT	1200 x 1200	X	X		х	X	х	
XLIGHT	1200 x 1200	X	X		X	X	X	
XTONE	1500 x 3000	X	X		X	X	X	
XTONE	1600 X 3200	X	X		X	X	X	
MOSAICS		Х	Х	Х				
AIRSLATE	1200 x 2400		Х	Х				

X Recommended trowel with standard conditions

² The reactive resin adhesive must be highly deformable.

³ They are sheets that allow their adhesion with cementitious adhesives without considering PVC and/or liners.

⁴ In the case of ceramic sheets, see the previous table.

⁵ Consult the manufacturer about the need for priming.

^{*} In any case, it is advisable to check the manufacturer's technical specifications to ensure that the chosen adhesive and ceramic tile are suitable and compatible. For unique projects, it is advisable to consult the Technical Department of butech.



GROUTING MATERIAL AND ELASTIC SEALANTS

CEMENT-BASED MATERIALS FOR TILE JOINTS

colorstuk rapid n, 122 | colorstuk 0-4 n, 123 | colorstuk n especial, 124

ADDITIVES FOR CEMENT-BASED JOINTS

cl-stuk, **125**

EPOXY GROUTING MATERIALS

epotech aqua, 126 | epotech nature, 127 | epotech crystal, 128 epoxy cleaning kit, 129 | epotech cleaner, 129 | epoxy sponge, 129

ELASTIC JOINT SEALANTS

s-107 n, **130** | p-404, **131**

LEVELING SYSTEM FOR CERAMIC TILES

self-leveling spacers, 132

COVERAGE TABLES

Grouting coverage, **134**Self-leveling spacers coverage, **135**

colorstuk rapid n

colorstuk rapid n is a type CG2 WA high-performance, cement-based grouting material as per EN 13888, for grouting joints up to 15 mm. Suitable for all kinds of ceramic tiles and natural stone, it is specially recommended for outdoor applications and permanently damp environments.

A high-tech, fine grained colored mortar with fast setting and hardening times for grouting tile joints up to 15 mm. Suitable for all kinds of ceramic tiles and natural stone. Indoors and outdoors.



Certifications/Standards:

EN 13888 CG2 WA

Features:

- Cement-based, single-component, colored mortar.
- Fine texture mortar for grouting tile joints up to 15
- Mortar with fast setting and hardening times.
- It prevents efflorescences.
- Excellent mechanical resistance.
- Resistant to heat and UV radiation.
- Frost-resistant.
- Waterproof mortar.
- Anti-mold action.
- Easy to apply and clean.
- Wide color range.
- Mixing water: colorstuk rapid n 1-1,3 l per 5 kg bag.

Recommended uses:

- Tile joints up to 15 mm.
- Indoor wall and floor tiles.
- Outdoor floors and terraces.
- High traffic floor tiles.
- Floor tiles on radiant heating.
- Pools and damp environments.
- Outdoor wall tiles in facades.

Substrates:

All usual substrates for ceramic tiles laying.

Coverage:

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• See the grouting materials table on page 134

Materials:

- Absorbent and non-absorbent ceramic tiles, including porcelain tiles.
- Tiles with mosaic-like patterns.
- Glass mosaic.
- Natural stone and marble not prone to staining.
- Marble agglomerates

colorstuk rapid n Presentation Europallet P/FU 400 kg/pallet 100236463 blanco bag 5 kg **4.00** p/kg 100275760 bag 5 kg perla 400 kg/pallet **4.70** p/kg 100236834 400 kg/pallet **4.10** p/kg gris bag 5 kg 400 kg/pallet 100236808 beige bag 5 kg **5.00** p/kg 400 kg/pallet 100331788 caliza bag 5 kg 5.00 p/kg 100309550 oak bag 5 kg 400 kg/pallet **4.93** p/kg 100236794 marfil 400 kg/pallet **5.00** p/kg bag 5 kg bag 5 kg 100236833 caramelo 400 kg/pallet **4.50** p/kg 100236809 bag 5 kg 400 kg/pallet **3.58** p/kg marron bag 5 kg 100236823 400 kg/pallet 4.82 p/kg tabaco **3.74** p/kg bag 5 kg 400 kg/pallet 100236824 moka 400 kg/pallet 100236464 manhattan bag 5 kg **3.62** p/kg bag 5 kg 100236449 cemento 400 kg/pallet **3.48** p/kg 100236481 bag 5 kg 400 kg/pallet 3.58 p/kg antracita 100236475 bag 5 kg 400 kg/pallet **4.30** p/kg negro

The colours shown are approximate and may vary for printing reasons.

colorstuk 0-4 n



colorstuk 0-4 n is a type CG2 WA fine grain grouting material as per EN 13888, for grouting joints up to 4 mm. It is easy to apply, resistant and color stable, and it is specially recommended for rectified tiles.

A high-tech, fine grained colored mortar for grouting tile joints from 0 to 4 mm. Suitable for all kinds of ceramic tiles and natural stone. Indoors and outdoors.



Certifications/Standards:

EN 13888 CG2 WA

Features:

- Cement-based, single-component, colored mortar.
- Fine texture mortar for grouting tile joints up to 4 mm.
- Easy to apply and clean.
- Resistant to heat and UV radiation.
- Frost-resistant.
- Wide color range.
- Mixing water:

colorstuk 0-4 n 1,5 l per 5 kg bag.

Recommended uses:

- Tile joints up to 4 mm.
- Indoor wall tile coverings. Specially recommended for rectified tiles.
- Indoor floor tiles, including public buildings.

In the following applications, replace mixing water by cl-stuk additive:

- Outdoor floors.
- High traffic floor tiles.
- Floor tiles on radiant heating.
- Pools and damp environments.

Substrates:

All usual substrates for ceramic tiles laying.

Coverage:

See the grouting materials table on page 134

Materials:

- Absorbent and non-absorbent ceramic tiles, including porcelain tiles.
- Glass mosaic.
- Natural stone and marble not prone to staining.

In the following applications, replace mixing water by cl-stuk additive:

- Wall tiles with mosaic-like patterns.
- Marble agglomerates.

colorstuk 0-4 n				
SAP		Presentation	Europallet	P/EU
100236442	blanco	bag 5 kg	400 kg/pallet	1.99 p/kg
100275725	perla	bag 5 kg	400 kg/pallet	2.15 p/kg
100236806	gris	bag 5 kg	400 kg/pallet	2.10 p/kg
100236419	beige	bag 5 kg	400 kg/pallet	2.51 p/kg
100236480	marfil	bag 5 kg	400 kg/pallet	1.90 p/kg
100236446	marrón	bag 5 kg	400 kg/pallet	1.90 p/kg
100236807	moka	bag 5 kg	400 kg/pallet	2.05 p/kg
100236461	manhattan	bag 5 kg	400 kg/pallet	1.90 p/kg
100236462	cemento	bag 5 kg	400 kg/pallet	1.90 p/kg
100236409	antracita	bag 5 kg	400 kg/pallet	1.90 p/kg
100236472	negro	bag 5 kg	400 kg/pallet	2.43 p/kg

The colours shown are approximate and may vary for printing reasons

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

colorstuk especial n



colorstuk especial n is a type CG2 WA very fine grain grouting material as per EN 13888, for grouting joints up to 3 mm. Its formula includes ultrafine aggregates, which make it specially recommended for tiles with a glaze sensitive to scratching.

A high-tech, fine grained colored mortar for grouting tile joints up to 3 mm. Specially recommended for grouting rectified ceramic tiles sensible to scratching, and ceramic parquet flooring



cl-stuk





cl-stuk is a latex which mixed with cement-based grouts like colorstuk, reduces water absorption and enhances mechanical resistance and deformability. Specially recommended when laying ceramic outdoors and in permanently damp environments.

A latex additive that can be mixed with the colorstuk range of high-tech grout mortars in cases when increased mechanical resistance, reduced water absorption or improved flexibility is required.



Certifications/Standards:

EN 13888 CG2 WA

Features:

- Cement-based, single-component, colored mortar.
- Ultrafine aggregates formula.
- Fine texture mortar for grouting tile joints up to 3 mm.
- Easy to apply and clean.
- Resistant to heat and UV radiation.
- Frost-resistant.
- Wide special colors range.
- Mixing water:

colorstuk especial n 0,64 l per 2 Kg bag.

Substrates:

All usual substrates for ceramic tiles laying.

Coverage:

See the grouting materials table on page 134

Recommended uses:

- Tile joints up to 3 mm.
- Ceramic tiles with low hardness glaze as per Mohs
- Indoor wall tile coverings. Specially recommended for rectified tiles.
- Indoor floor tiles, including public buildings.

In the following applications, replace mixing water with cl-stuk additive:

- Wall and floor tiles into direct contact with water.
- Floor tiles on radiant heating.

Materials:

- Absorbent and non-absorbent ceramic tiles.
- Ceramic tiles with special finishes.
- Natural stone and marble not prone to staining.

In the following applications, replace mixing water by cl-stuk additive:

- Wall tiles with mosaic-like patterns.
- Marble agglomerates

colorstuk especial n Presentation Europallet 100238236 432 kg/pallet **6.30** p/kg white bag 2 kg 100238229 vainilla bag 2 kg 432 kg/pallet **6.30** p/kg 100204255 bag 2 kg 432 kg/pallet **2.91** p/kg oak 100204261 bag 2 kg 432 kg/pallet **2.96** p/kg honey bag 2 kg 100243281 432 kg/pallet **6.44** p/kg iroko 100234451 432 kg/pallet 3.15 p/kg elm bag 2 kg 100243271 432 kg/pallet **5.09** p/kg maple bag 2 kg 432 kg/pallet bag 2 kg **2.85** p/kg 100204254 beech 100238261 bag 2 kg 432 kg/pallet **6.30** p/kg moka 432 kg/pallet **4.52** p/kg 100234433 bag 2 kg wenge 432 kg/pallet 100204260 doussie bag 2 kg **3.09** p/kg bag 2 kg 100238235 432 kg/pallet **6.55** p/kg nacare 100238260 432 kg/pallet 9.19 p/kg graphite bag 2 kg 432 kg/pallet bag 2 kg 100204245 **2.85** p/kg ash 432 kg/pallet 100204554 bag 2 kg antracita **3.18** p/kg 432 kg/pallet **9.26** p/kg 100238251 bag 2 kg

The colours shown are approximate and may vary for printing reasons.

Features:

- Water-based acrylic resins latex.
- Resistant to the most common chemicals.
- It reduces mortar water absorption.
- It enhances the adherence and deformability of the grouting material.
- It increases resistance to abrasion.
- Excellent resistance to UV rays and the effect of heat.
- Frost-resistant.

Recommended uses:

Specially recommended in:

- Outdoor floor and wall tiles.
- High traffic floor tiles.
- Floor tiles on radiant heating.
- Pools and damp environments.

It enhances grouting material performance in:

- Indoor wall tile coverings. Specially recommended for rectified tiles.
- Indoor floor tiles, including public buildings.

Coverage:

Product	%	Liters	Kg/bag
colorstuk 0-4 n	30 %	1,5	5
colorstuk especial n	32 %	0,64	2

Materials:

Specially recommended in:

- Wall tiles with mosaic-like patterns.
- Marble agglomerates

It enhances grouting material performance in:

- Absorbent and non-absorbent ceramic tiles, including porcelain tiles.
- Glass mosaic.
- Natural stone and marble not prone to staining.

cl-stuk				
SAP		Presentation	Europallet	P/EU
100004374 100004375	cl-stuk cl-stuk	can 2 kg can 5 kg	448 kg/pallet 480 kg/pallet	6.76 p/kg 5.39 p/kg

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet

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Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet

epotech aqua



epotech aqua is a new line of epoxy putties for grouting tile joints. Two-component epoxy putty with no organic solvents. It is waterproof, it has outstanding chemical and mechanical properties and it is easy to apply. Specially recommended for application on mosaics.

This material is suitable for grouting joints from 0 to 10 mm in floor and wall tiles, indoors and out. Excellent resistance to chemicals. Suitable for pools and permanently damp environments. Suitable as high adherence grouting material for ceramic tiles with any absorption level and format, for glass mosaic.



epotech nature





epotech nature is a new micro grain porcelain grout for the sealing of joints in ceramic tiles with designs inspired by nature. It has been specially developed for porcelain tiles that reproduce the appearance and texture of wood, such as PORCELANOSA Group's PAR-KER. Professional use.

This material is suitable for grouting tile joints up to 10 mm. in floorings and wall coverings, both indoors and outdoors. Excellent resistance to chemicals. Suitable for pools and permanently damp environments. Suitable as high adherence grouting material for ceramic tiles with any absorption level and format, for glass mosaic.



Features:

- Two-component colored epoxy putty.
- Easy to apply and clean. This product is free of organic solvents and plasticizers
- Excellent joint color stability.
- Resistance to most chemicals and alkali, even in high concentrations.
- Waterproof joint, no water absorption.
- Excellent adherence and mechanical resistance.
- Tile joints up to 10 mm.
- Wide color range.

Recommended use:

- Tile joints with uniform color and shade, resistant to the passing of time.
- Floorings with built-in heating.
- Pools and damp environments.
- High traffic floor tiles
- Outdoor floorings protected against the presence of rising moisture
- Floorings and wall coverings in direct contact with chemicals. See technical sheet.

Characteristics:

- Two-component colored epoxy putty.
- Easy to apply and clean. This product is free of organic solvents and plasticizers.
- Excellent joint color stability.
- Resistance to most chemicals and alkali, even in high concentrations.
- Waterproof joint, no water absorption.
- Excellent adherence and mechanical resistance. Hypoallergenic and bacteriostatic.
- Tile joints up to 10 mm.
- Wide range of colors inspired by natural woods.

Recommended use:

- Floorings and wall coverings in natural woodinspired ceramics.
- Tile joints with uniform color and shade, resistant to the passing of time.
- Floorings with built-in heating.
- Pools and damp environments.
- High traffic floor tiles
- Outdoor floorings protected against the presence of rising moisture
- Floorings and wall coverings in direct contact with chemicals. See technical sheet.

Substrates:

All usual substrates for ceramic tiles laying.

Coverage:

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• See the grouting materials table on page 134

Materials:

- Absorbent and non-absorbent ceramic tiles, including porcelain tiles.
- Tiles with mosaic-like patterns. Please refer to PORCELANOSA catalogues.
- Glass mosaic.
- Natural stone and marble not prone to staining.

Substrates:

• All usual substrates for laying ceramic tiles.

Coverage:

See the grouting materials table on page 134

Materials:

- Ceramic tiles with designs inspired by nature
- Absorbent and non-absorbent ceramic tiles, including porcelain tiles.
- Tiles with mosaic-like patterns. Please refer to PORCELANOSA catalogues.
- Glass mosaic.
- Natural stone and marble not prone to staining.

SAP		Presentation	Europallet	P/EU
100182223	blanco	can 1,5 kg	315 kg/pallet	21.38 p/kg
100182217	marfil	can 1,5 kg	315 kg/pallet	21.04 p/kg
100278474	tabaco	can 1,5 kg	315 kg/pallet	23.48 p/kg
100182222	beige	can 1,5 kg	315 kg/pallet	21.04 p/kg
100182208	gris	can 1,5 kg	315 kg/pallet	21.04 p/kg
100278467	manhattan	can 1,5 kg	315 kg/pallet	23.48 p/kg
100278329	cemento	can 1,5 kg	315 kg/pallet	23.48 p/kg
100182213	antracita	can 1,5 kg	315 kg/pallet	21.04 p/kg
100278500	negro	can 1,5 kg	315 kg/pallet	23.48 p/kg

The colours shown are approximate and may vary for printing reasons.

SAP		Presentation	Europallet	P/EU
100177504	ash	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177514	maple	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177494	beech	can 1,5 kg	315 kg/pallet	23.48 p/kg
100204262	honey	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177484	oak	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177505	iroko	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177513	elm	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177512	doussie	can 1,5 kg	315 kg/pallet	23.48 p/kg
100177485	wenge	can 1,5 kg	315 kg/pallet	23.48 p/kg

The colours shown are approximate and may vary for printing reasons

Before using this product in any application not indicated in this catalog, please carry out a test or refer to the product's technical sheet.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

SROUTING MATERIAL ND ELASTIC SEALANTS

epotech crystal

epotech crystal is an epoxy putty for grouting tile joints. Two-component putty with a translucent finish. It reflects the color of the tile or mosaic surrounding the joint. It features all the properties of epoxy putties: watertightness, high resistance to chemicals and mechanical properties. Specially recommended for application on mosaics. Extra fine, micro grain porcelain grout.

This material is suitable for grouting joints up to 5 mm in floor and wall tiles indoors. Excellent resistance to chemicals in high concentrations. Suitable for permanently damp environments.



Certifications/Standards:

EN 13888 RG

Features:

- Extra fine, micro grain porcelain grout.
- Easy to apply and clean epoxy putty.
- Translucent appearance.
- High resistance to most acids and alkali, even in high concentrations.
- Waterproof joint, no water absorption.
- Excellent adherence and mechanical resistance.
- Prevents the development of fungi and bacteria.
- Tile joints up to 5 mm.

Recommended uses:

- Wall and floor tiles with minimum joint.
- Indoor floor and wall tiles.
- Mosaic or natural stone wall coverings.
- Wall tiles and mosaics with glass elements.
- PAR-KER floor coverings.
- Technical, porcelain floor coverings.

Substrates:

All usual substrates for ceramic tiles laying.

Coverage:

epotech crystal

100126899

128

• See the grouting materials table on page 134

Presentation

can 3 kg

Materials:

- Absorbent and non-absorbent ceramic tiles, including porcelain tiles.
- Glass mosaic.
- Wall tiles and mosaics with glass elements.
- Natural stone and marble not prone to staining.

Epoxy cleaning kit



Cleaning kit for epoxy joint remains before their final hardening. It includes an epotech cleaner bottle, water-based detergent for cleaning off epoxy putties remains and stains..

It includes:

- 1 MMC handle epotech trowel
- 1 Epoxy sponge
- 1 Float for final cleaning + 3 scourers
- 1 200 ml epotech cleaner bottle



Fnovv	d	eaning	bit
LPUNY	•	cuming	NI.

SAP P/EU 100113684 **74.24** p/kit

epotech cleaner



Water-based detergent for cleaning epoxy putties remains and stains. Specially recommended for cleaning remains of epotech aqua and epotech crystal. Professional use.

Recommended uses:

• Cleaning of epoxy putties remains and films on ceramic tiles, glass mosaics and natural stones.



epotech cleaner

 SAP
 Presentation
 P/EU

 100120428
 bottle 500 ml
 23.28 p/u

Epoxy sponge



Cellulose cleaning sponge for epoxy joints

- Cleaning epoxy joints
- 100% vegetable cellulose sponge
- 1 unit



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Esponja epoxy	
SAP	P/EU
100085287	9.94 p/u

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

Europallet

264 kg/pallet

P/EU

30.40 p/kg

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

s-107 n



s-107 n is a neutral silicone putty for sealing joints. Specially recommended for sealing movement joints. Indoor and outdoor use.,

This putty crosslinks in contact with dampness and does not give off odors, thus becoming an elastomer highly elastic and resistant to atmospheric agents.



p-404



p-404 is polyurethane putty for sealing joints and also valid as an adhesive. Specially recommended for sealing movement joints outdoors. Indoor and outdoor use.

This reticular putty in contact with dampness does not give off odors, thus becoming an extraordinary adherent, elastic and resistant elastomer to atmospheric agents.



Features:

- Single-component neutral silicone.
- High elasticity.
- Good adherence.
- Resistant to UV rays.
- Frost-resistant.

Recommended uses:

- Sealing joints even between materials sensible to chemical attack.
- Sealing movement joints in floors and walls.
- Sealing joints in ceramics, glass, metal and plastics.
- Sealing perimeter joints in wall tile coverings.
- Gluing ceramic materials on wood boards.

Features:

- Single-component polyurethane putty.
- High elasticity.
- High adherence.
- Resistant to UV rays.
- · Frost-resistant.

Recommended uses:

- Sealing joints even between materials sensible to chemical attack.
- Sealing movement joints in floors and walls.
- Bonding of building materials like ceramics, concrete, roof tiles, wood, aluminium, polyester or PVC.
- Gluing ceramic materials on metal or wood boards.
- Gluing Concept XPS panels.

Substrates:

All usual substrates for ceramic tiles laying.

Coverage:

130

In: In 2 2	75.0
 Joint de 2 x 2 mm 	75.0 m
 Joint de 3 x 3 mm 	33.3 m
 Joint de 5 x 3 mm 	20.0 m
 Joint de 5 x 5 mm 	12.0 m
 Joint de 8 x 4 mm 	8.3 m
	300

Coverage = joint width (mm) x joint depth (mm)

Materials:

- Ceramic tiles and glass mosaic.
- Glass.
- Metal.
- Plastic material, PVC.
- Concrete slabs.
- · Wood.
- Natural stone

Substrates:

· All usual substrates for ceramic tiles laying.

Coverage:

p-404 SAP

100005818

 2 x 2 mm joint 	75 m
 3 x 3 mm joint 	33,33 m
 5 x 3 mm joint 	20 m
 5 x 5 mm joint 	12 m
 8 x 4 mm joint 	9,37 m
 8 x 6 mm joint 	6,25 m
•	

blanco

Coverage = $\frac{300}{\text{(ml/cartridge)}}$ joint width (mm) x joint depth (mm)

Materials:

Ceramic tiles and glass mosaic.

P/EU

7.68 p/u

- Glass.
- Metal.
- Plastic material, PVC.
- Concrete slabs.
- Wood.

Packaging 25 ud/box

s-107 n				
SAP		Presentation	Packaging	P/EU
100005814	blanco	cartridge 300 ml	25 ud/box	9.06 p/u
100005815	transparente	cartridge 300 ml	25 ud/box	7.70 p/u
100120621	marfil	cartridge 300 ml	25 ud/box	9.06 p/u
100120624	tabaco	cartridge 300 ml	25 ud/box	9.06 p/u
100115950	beige	cartridge 300 ml	25 ud/box	9.06 p/u
100005816	gris	cartridge 300 ml	25 ud/box	9.06 p/u
100120620	cemento	cartridge 300 ml	25 ud/box	9.06 p/u
100120608	antracita	cartridge 300 ml	25 ud/box	9.06 p/u
100005817	negro	cartridge 300 ml	25 ud/box	9.06 p/u

The colours shown are approximate and may vary for printing reasons.

 100005819
 gris
 cartridge 300 ml
 25 ud/box
 7.68 p/u

 100005820
 negro
 cartridge 300 ml
 25 ud/box
 7.92 p/u

Presentation

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

cartridge 300 ml

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

133

self-leveling spacers



Leveling system for ceramic tiles. Eases ceramic tile laying and guarantees a perfectly flat surface of the final installation. The system consists of a new type of spacer with adjustable height that levels the surrounding tiles and prevents them from moving.

Specially recommended when tile, design or use features demand a perfect finish, with an even, seamless surface.

Features:

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- Guarantees tiles are even.
- Prevents tiles from moving due to laying errors or due to mortar setting.
- Reduces retouching and laying times.
- Suitable for 0,5-5 mm wide joints.
- Suitable for floor and wall tiles of thickness between 6-15 mm. For thinner tiles use the supplementary lifting pieces
- The system consists of a spacer, a wedge and an adjusting tool.
- Wedges are recoverable, only the spacers are consumed.
- The 2 mm spacers are made of recycled plastic.



Recommended uses:

- Wall and floor tiles with minimum joint.
- Large format floor tiles.
- Laying of rectified wall tiles.
- Tiles with reduced thickness: XLIGHT and XTONE
- Interlocking floor designs.
- Glued facades.
- Essential to place the ceramic by the method of thin layer and double gluing of the pieces

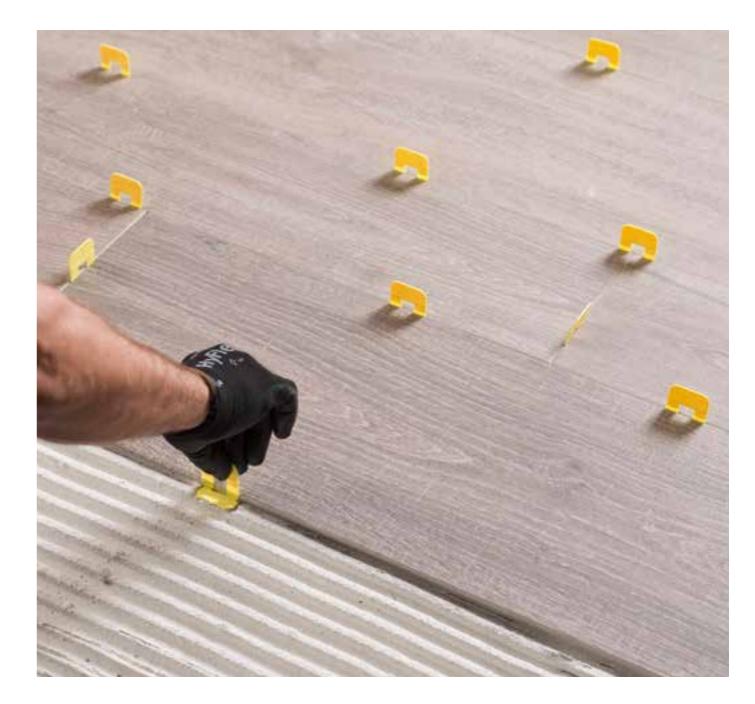
Substrates:

· All usual substrates for ceramic tiles laying.

Materials:

Before using the self-levelling spacers system, carry out a preliminary test with the type of wall or floor tiles to be installed and check that the tile is not damaged during the removal of the spacer, especially in textured or rectified tiles without bevelling and mosaics with 3D texture

self-leveling spacers	for tiles 6 to 15 mm thick				
SAP		Presentation	Europallet	P/EU	
100108031 100108032	wedge wedge	100 ud/bag 300 ud/bag	700 bags/pallet 240 bags/pallet	22.63 p/bag 52.47 p/bag	
100095383	wedge	500 ud/bag	140 bags/pallet	99.70 p/bag	
100207811	0,5 mm spacer	100 ud/bag	600 bags/pallet	15.81 p/bag	
100207797	0,5 mm spacer	300 ud/bag	200 bags/pallet	43.24 p/bag	
100207740	0,5 mm spacer	500 ud/bag	120 bags/pallet	71.02 p/bag	
100108026	1 mm spacer	100 ud/bag	600 bags/pallet	15.81 p/bag	
100108027	1 mm spacer	300 ud/bag	200 bags/pallet	43.24 p/bag	
100108028	1 mm spacer	500 ud/bag	120 bags/pallet	71.02 p/bag	
100344039	2 mm spacer	100 ud/bag	600 bags/pallet	15.81 p/bag	
100344038	2 mm spacer	300 ud/bag	200 bags/pallet	43.24 p/bag	
100344037	2 mm spacer	500 ud/bag	120 bags/pallet	71.02 p/bag	
100109070	3 mm spacer	100 ud/bag	600 bags/pallet	15.81 p/bag	
100109071	3 mm spacer	300 ud/bag	200 bags/pallet	43.24 p/bag	
100109072	3 mm spacer	500 ud/bag	120 bags/pallet	71.02 p/bag	
100275166	5 mm spacer	100 ud/bag	600 bags/pallet	15.81 p/bag	
100275156	5 mm spacer	300 ud/bag	200 bags/pallet	43.24 p/bag	
100275138	5 mm spacer	500 ud/bag	120 bags/pallet	71.03 p/bag	

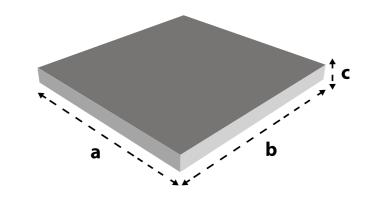


	acers for tiles 16 to 22 mm thick		
AP		Presentation	P/EU
100225039	2 mm spacer	100 ud/bag	15.81 p/bag
100315637	5 mm spacer	100 ud/bag	15.10 p/bag
100315638	5 mm spacer	300 ud/bag	42.68 p/bag
100315639	5 mm spacer	500 ud/bag	68.11 p/bag
complements			
AP		Presentation	P/EU
100213808	0,5 mm spacer system kit	kit*	84.57 p/kit
100108034	1 mm spacer system kit	kit*	84.57 p/kit
100350100	2 mm spacer system kit	kit*	84.57 p/kit
100109074	3 mm spacer system kit	kit*	84.57 p/kit
100275157	5 mm spacer system kit	kit*	84.57 p/kit
100123264	supplementary lift piece	50 ud/bag	3.93 p/bag
	adjustment tool	unit	53.40 p/u

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

axb	c	colorstuk 0-4	colorstuk especial	colorstuk rapid	epotech aqua	epotech nature
cm	mm	gr/m²	gr/m²	gr/m²	gr/m²	gr/m²
2,5 x 2,5	4	480	496	512	486	493
5 x 5	4	240	248	256	243	246
7,5 x 7,5	4	160	165	171	162	164
10 x 10	6	180	186	192	182	185
20 x 31,6	9	110	114	118	112	113
31,6 x 44,6	9	73	75	78	74	75
31,6 x 59,2	9	66	68	70	66	67
31,6 x 90	9	58	60	62	58	59
33,3 x 100	9,2	55	57	59	56	57
45 x 120	10,5	48	50	51	49	49
21,5 x 65,9	11	102	105	109	103	104
14,3 x 90	11	134	138	143	136	137
22 x 90	11	93	96	100	95	96
19,3 x 120	11	99	103	106	101	102
19,3 x 180	12	103	107	110	105	106
29,4 x 120	11	70	72	75	71	72
29,4 x 180	12	71	74	76	72	73
25 x 150	10,5	74	76	78	74	75
44,3 x 44,3	10	68	70	72	69	70
43,5 x 65,9	11	63	65	67	64	65
40 x 80	11	62	64	66	63	64
45 x 90	11	55	57	59	56	56
59,6 x 59,6	11	55	57	59	56	57
80 x 80	12	45	47	48	46	46
59,6 x 120	12	45	47	48	46	46
100 x 100	11	33	34	35	33	34
120 x 120	12	30	31	32	30	31
100 x 100	3,5	11	11	11	11	11
100 x 100	6	18	19	19	18	18
120 x 120	6	15	16	16	15	15
100 x 300	3,5	7	7	7	7	7
120 x 250	6	11	11	12	11	11

a	b	axb	c	Spa	cers / m²
a		axb		Aligned	Staggered 3/4
cm	cm	cm x cm	mm		Juggereu 5/ 1
20	31,6	20 x 31,6	9	64	-
31,6	44,6	31,6 x 44,6	9	29	-
31,6	59,2	31,6 x 59,2	9	22	-
31,6	90	31,6 x 90	9	18	-
33,3	100	33,3 x 100	9,2	16	-
45	120	45 x 120	10,5	12	-
21,5	65,9	21,5 x 65,9	11	36	43
14,3	90	14,3 x 90	11	39	47
22	90	22 x 90	11	26	31
19,3	120	19,3 x 120	11	26	31
19,3	180	19,3 x 180	12	21	23
29,4	120	29,4 x 120	11	18	20
29,4	180	29,4 x 180	12	14	16
25	150	25 x 150	10,5	16	19
44,3	44,3	44,3 x 44,3	10	21	-
43,5	65,9	43,5 x 65,9	11	18	<u>-</u>
40	80	40 x 80	11	16	<u>-</u>
45	90	45 x 90	11	13	-
59,6	59,6	59,6 x 59,6	11	12	-
80	80	80 x 80	12	10	-
59,6	120	59,6 x 120	12	9	-
100	100	100 x 100	11	6	-
120	120	120 x 120	12	6	-
					1
100	100	100 x 100	3,5	6	-
100	100	100 x 100	6	6	-
120	120	120 x 120	6	6	-
100	300	100 x 300	3,5	4	-
120	250	120 x 250	6	4	-





SUBSTRATE PREPARATION PRODUCTS

ELECTRIC RADIANT FLOOR HEATING

Electric Radiant Floor Heating, 157

ACOUSTIC INSULATION

fonopac r, 159

SELF-LEVELING MORTARS

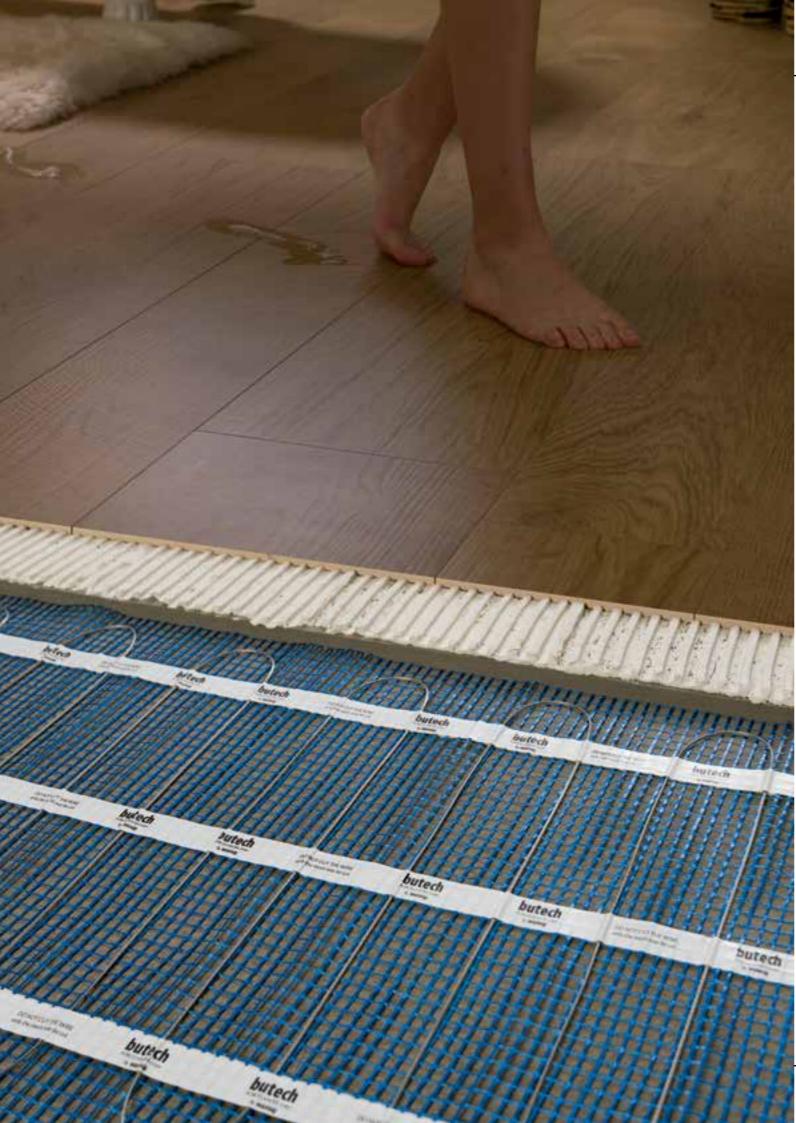
level 1 pro, **160** | level 3, **161**

PRIMERS

super-prim, **162** | uniprim, **163**

CLEANING PRODUCTS

acid net 1L, **164** | porce-clean, **164** | basic-gel 1L, **164** epotech cleaner, **165** | non slip tile, **165**



ELECTRIC RADIANT FLOOR HEATING

electric radiant floor heating



The electric radiant floor heating from butech, also know as **ERFH**, is a heating system with an electric element for radiant floors, specially designed to provide comfort in ceramic floors in bathrooms and, in general, all kinds of floors walked barefoot. The ERFH system consists of an electric element and a digital thermostat timer.

The electric element is a 1.8 mm diameter heating wire that transforms electric energy into heating. Never cut this kind of wire. Maximum power is 150 W/m².

User-friendly digital thermostat that regulates the turn on and off and heating power of the system.





touch control

Features:

- Easy, quick and economic installation. No maintenance costs.
- Avoids the installation of radiators on the walls.
- Ideal for homes not connected to the gas distribution network.
- Applicable in floors where a water pipe heating cannot be installed.
- More uniform heat distribution to all the surface of the room.
- More pleasant elevation of heat distribution .
- No air movement.

Power: 150 W/m²
Voltage: 230 V – 50/60 Hz
Maximum charge: 16 Amp / 230 V max
Maximum temperature: + 40°C

Installation:

- Choose the radiant Mat that suits the surface to be heated
- In case of surfaces bigger than 10 m², connect Mates in parallel in a connection box.
- Do not connect Mates with a total surface bigger than 20 m² to one thermostat.
- Never cut the heating wire.
- Do not install under static elements and less than 15-20 cm from the walls.
- Never drill a floor where a radiant heating has been installed.

Recommended uses:

- · Radiant heating in home refurbishings.
- General heating of homes.
- Comfort and auxiliary heating in bathrooms and dressing rooms.
- Comfort and auxiliary heating in spas and premises with permanent dampness.
- Comfort and auxiliary heating in locker rooms, recreational and sports premises.
- Heating of indoor areas with high ceilings.
- Temporary heating of workplaces.
- Do not use in outdoor floors.

Guarantee:

Thermostat guarantee: 3 years
Electric Mat guarantee: Lifetime

Materials:

- Absorbent ceramics and porcelain tiles (water absorption < 0.5% as per EN-ISO 10545-3).
- Natural stone and marble not prone to staining.
- Wooden floors bonded to the substrate.
- Do not use under floating floors.
- Do not use under material sensible to heat.

electric radiant floor heating

SAP	Premium ERHF	Presentation	P/EU
100232008	1 m² Mat	1 Mat/box	163.89 p/u
100232081	1.5 m ² Mat	1 Mat/box	188.79 p/u
100232053	2 m ² Mat	1 Mat/box	210.41 p/ι
100232009	2.5 m ² Mat	1 Mat/box	240.80 p/u
100232090	3 m ² Mat	1 Mat/box	268.95 p/u
100232082	4 m ² Mat	1 Mat/box	347.91 p/u
100232016	5 m ² Mat	1 Mat/box	425.80 p/u
100232080	10 m ² Mat	1 Mat/box	731.59 p/ι
100305735	10GM Thermostat	1 thermostat/box	371.93 p/u
			-

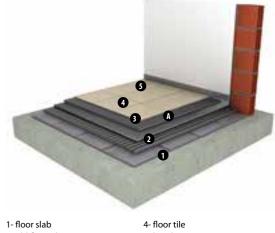
Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.



fonopac r



fonopac r is a multilayer sheet for isolating ceramic or natural stone floors against impact noise. Made of synthetic rubber, it combines a good Acoustic insulation with a low compressibility, allowing for direct laying of ceramic tiles. Specially recommended for refurbishing of floors



- 2- old floor tile
 - r tile
- 3- fonopac r
- 5- bandín A- cement-based adhesive

Features:

- Sheet made of synthetic rubber and TPO..
- Allows direct laying of tiles, with no need for compression layers.
- Compatible with cement-based adhesives.

- Dimensions: 60 x 100 cm
 - Final thickness: 3 mm
 - Weight: 1,36 kg / m²

Weighted reduction of impact sound pressure level according to standard ISO 717-2

 $\Delta L_{w} = 16 \text{ dB}$

Installation:

- Cover the whole floor perimeter with acoustic isolating tape bandín.
- Laying of the sheets by the thin-bed method, with deformable cementitious adhesive.
- Seal the joints between sheets with cintex tape.
- Be extremely cautious when laying the sheet to avoid tears and other acoustic bridges.
- Once fonopac r sheets laid, lay the ceramic floor with super-one n mixed with unilax.

Recommended uses:

- Reduces impact noise in indoor floors.
- Reduces impact noise in refurbishing of floors.

Materials:

- Ceramic floors and similar products adhered to the substrate.
- Laminate floors.

Substrates:

- Cement covered floors.
- · Existing floors.

fonopac r			
SAP		Presentation	P/EU
100082628	fonopac r	sheets 100 x 60 cm	20.52 p/m ²
100004402	bandin	roll 30 m	18.84 p/roll
100004399	cintex	roll 50 m	24.26 p/roll
100004463	Kit fonopac r	Total 8,4 m ²	352.97 p/kit
	fonopac r	14x 100 x 60 cm sheets	
	super-one n	2x 25 Kg bags	
	bandin	1x 30 m roll	
	cintex	1x 50 m roll	

SUBSTRATE PREPARATION PRODUCTS

level 1 pro

level 1 pro is a fast hardening, self-leveling mortar for leveling and regularizing substrates for all kinds of floor tiles. Specially recommended for laying rectified ceramic floor tiles.

It is formulated for creating 2 to 10 mm floor substrates. It features good workability, fast-setting times, and a high mechanical performance. It allows to prepare floors well levelled, for a correct and quick fixing of rectified ceramic tiles.



level 3

level 3 is a fast hardening, self-leveling mortar with fibres for leveling and regularizing substrates for all kinds of floor tiles. Specially recommended for laying ceramic floor tiles with a minimal joint indoors.

It is formulated for creating 3 to 30 mm floor substrates. It features good workability, fast-setting times, and a high mechanical performance. It allows to prepare floors well levelled, for a correct and quick fixing of rectified ceramic tiles.



Certifications/Standards:

EN 13813 CT-C20-F5

Features:

- Single-component, self-leveling mortar.
- Excellent adherence.
- Fast hardening. Ready for traffic in 4-5 hours.
- Application thickness between 2 and 10 mm.
- Easy application with a straight edge trowel or scraper. Pumpable.
- · Indoor use.
- Mixing water. 6.0 l per 25 kg bag.

Recommended uses:

- Substrate regularization in refurbishing jobs.
- Indoor large format ceramic floor tile coverings.
- Indoor rectified floor tile coverings.
- Laminate floating floors.
- Synthetic floors and carpet.
- Do not use in outdoor floors.

Features:

EN 13813

- Compressive strenght ≥ 25 N/mm²
- Flexural strenght ≥ 5 N/mm²

Certifications/Standards:

Single-component, self-leveling mortar.

CT C25-F5

- Excellent adherence. Flexible.
- High fibre content.
- Application thickness between 3 and 30 mm.
- Easy application with a straight edge trowel or scraper.
- Indoor use.
- Mixing water: 4.25 4.50 l per 25 kg bag

Recommended uses:

- Indoor large format floor tile coverings.
- Indoor large format rectified floor tile coverings.
- Floor tiles with radiant heating.

Substrates:

- For cement-based, concrete or anhydrite substrates, first apply uniprim.
- For existing ceramic substrates, first apply superprim.

Materials:

- Large format ceramics.
- Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Natural stone and marble not prone to staining.
- Laminate floors and parquet.

Substrates:

- Cement-based substrate, previously apply **uniprim**.
- Glazed ceramic tiles and wood substrates, previously apply super-prim.

Materials:

- Large format floor tiles.
- Porcelain tiles (water absorption < 0.5% as per EN-ISO 10545-3).
- Natural stone and marbles.

Coverage:

Substrate Coverage

Self-leveling floors 1.4 kg per m² and thickness millimeter

Coverage:

Substrate Coverage

Self-leveling floors 1.4 kg per m2 and thickness millimeter

level 1 pro				
SAP		Presentation	Europallet	P/EU
100141151	level 1 pro	bag 25 kg	1000 kg/pallet	0.96 p/kg

level 3

 SAP
 Presentation
 Europallet
 P/EU

 100104577
 level 3
 bag 25 kg
 1000 kg/pallet
 1.53 p/kg

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet

SUBSTRATE PREPARATION PRODUCTS

super-prim



super-prim is a water-based acrylic resin primer with silica arids, used for preparing substrates prior to using adhesives, self-leveling mortars and mortar screeds. It reduces water absorption and improves the consistency of cement-based substrates. Professional use.



uniprim



uniprim is a water-based primer made of synthetic resins for the insulation of plaster, anhydrite and molding plaster substrates, prior to the use of cement-based adhesives. It reduces water absorption and improves the consistency of cement-based substrates

C2-type cement-based adhesives can be used to lay ceramic tiles quickly and efficiently on plaster, anhydrite and molding plaster substrates. It reduces the level of absorption of highly absorbent substrates, preventing cement-based adhesives from drying out too quickly and thus ensuring that they set properly. Priming prior to the application of self-leveling mortars on absorbent substrates, avoiding the appearance of bubbles or cracks because of a fast drying.



Features:

- Water-based, acrylic resin latex with silica arids.
- It enhances the adherence of cement mortars on glazed wall coverings.
- It improves the bonding material setting time.
- It reduces substrate water absorption.
- · It increases cohesion of the substrate.
- Easy application with a paint roller or a wide paintbrush. Can be applied with airless spray.
- Indoor and outdoor use.
- Do not dilute with water or mix with any other liquids.

Recommended uses:

- Primer for self-leveling mortars on highly absorbent or existing ceramic tile coverings.
- Ceramic tiles on cement-based substrates with weak consistency or existing ceramic tile coverings.
- Ceramic floor coverings on anhydrite substrates or ceramic wall coverings on plaster or molding plaster.
- Mortar screeds on brick partition walls or concrete block walls.
- Mortar screeds on ceramic tile or natural stone floors.
- Do not use in substrates subject to dampness increases.

Features:

- · Water-based synthetic resins primer.
- Once dry, it allows for the application of cementitious adhesives on gypsum-based supports.
- It reduces substrate water absorption.
- It improves the bonding material setting time.
- · It increases cohesion of the substrate.
- Easy application with a paint roller or a wide paintbrush.
- Indoor and outdoor use.

Recommended uses:

- Wall tiles on plaster or molding plaster substrates.
- Floor tiles on anhydrite substrates.
- Priming required prior to the use of self-leveling compounds.

Substrates:

- Ceramic brick partition walls.
- · Cement covered floors and walls.
- Concrete slabs and aerated concrete blocks.
- Anhydrite-covered floors and plastered walls.
- · Indoor ceramic floor and wall tiles.
- Indoor wood boards.
- Indoor metal sheets.

Substrates:

- · Plasterboards and plastered walls.
- Anhydrite floor coverings.
- Cement-based substrates with high water absorption.
- Plasterboards.
- Untreated partition walls for laying tiles.

Coverage:

Substrate Coverage

Anhydrite/plaster substrate 100 - 200 gr/m²

Coverage:

SubstrateCoverageNon absorbent200 - 250 gr/m²Absorbent250 -300 gr/m²

super-prim				
SAP		Presentation	Europallet	P/EU
100123220	super-prim	can 10 kg	640 kg/pallet	10.69 p/kg

uniprim				
SAP		Presentation	Europallet	P/EU
100004384	uniprim	can 5 kg	480 kg/pallet	6.60 p/kg
100004387	uniprim	can 20 kg	560 kg/pallet	6.16 p/kg

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

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SUBSTRATE PREPARATION PRODUCTS

acid net 1L

acid net is an acid detergent for cleaning ceramic floor and wall tiles. It dissolves all kinds or cement debris without damaging coverings or cement based joints like colorstuk.

Recommended uses:

- Cleaning of remains of adhesives and cement-based grouting materials in floor and wall tiles
- Cleaning of efflorescences and salts remains.
- Cleaning of plaster remains and plaster-based remains.
- Cleaning of lime remains and film.
- Cleaning of glazed substrates prior to laying new tiles.

Coverage:

acid net 1L

Dilution 1: 1 with clear water $90-100 \text{ gr} / \text{m}^2$ Dilution 1: 2 with clear water $45-50 \text{ gr} / \text{m}^2$

100120423	acid net

porce-clean

Neutral detergent for cleaning ceramic and natural stone floor coverings. High degreasing power for a deep and perfect cleaning. Fast drying. Indoor and outdoor use.

Presentation

bottle 1L

Recommended uses:

- Regular cleaning of ceramic wall tiles.
- Cleaning of remains of wax, oil or grease from floor and wall tiles.

Coverage:

10 l of clean water 100-200 ml

porce-clean				
SAP		Presentation	Вох	P/EU
100120431	porce-clean	bottle 1L	12 bottles	11.11 p/u

basic gel 1L

Concentrated alkaline detergent developed for cleaning ceramic tiles in general and natural stones. It removes all kinds of oils, varnishes, paints, wax and home stains. Specially effective for etching former treatments.

Recommended uses:

- Intensive cleaning of ceramic wall tiles.
- · Cleaning of remains of wax, oil or grease from floor and wall tiles.

Before using any cleaning product, please perform a test or refer to the product's technical sheet.

Cleaning of glazed substrates prior to laying new tiles.

basic gel 1L				
SAP		Presentation	Box	P/EU
100120425	basic gel 1L	bottle 1L	12 bottles	14.87 p/u

Check the chemical resistance of the material to be cleaned.

*Given the wide variety of ceramic materials, glass mosaics and natural stones, we recommend to check with your tile provider about chemical resistance of the tiles before applying any cleaning product.



Water-based detergent for cleaning epoxy putties remains and stains. Specially recommended for cleaning remains of epotech n, epotech nature, epotech aqua, epotech crystal. Professional use.

Recommended uses:

 Cleaning of epoxy putties remains and films on ceramic tiles, glass mosaics and natural stones.

Coverage for 2 mm joint:

Tile	200 x 316 cm	20 m²/package
Tile	200 x 446 cm	30 m²/package
Tile	316 x 596 cm	33 m²/package
Tile	316 x 900 cm	37 m²/package

epotech cleaner				
SAP		Presentation	Box	P/EU
100120428	enotech cleaner	bottle 500 ml	20 hottles	23.28 p/u

non-slip tile

Non-slip treatment for glazed and unglazed ceramic tiles reducing the risk of slip and fall accidents. Indoor and outdoor use.

The non-slip treatment reacts with the ceramic tiles surface, generating thousands of microscopic bowls. These evenly distributed engravings increase the contact surface and, in the presence of water, produce a suction between the covering and the foot. This effect increases the coefficient of friction and reduces the risk of slip and fall accidents.



Recommended uses:

- Glazed and non-glazed ceramic floor tile coverings.
- Indoor and outdoor floor tile coverings.
- Built in shower trays.
- Do not apply on fibre shower trays and bathtubs.
- Do not apply on materials which are sensible to acid attack, like limestones or mortar substrates.

Coverage:

Ceramic tile 200 gr/m²

non-slip tile					
SAP		Presentation	Вох	P/EU	
100120430	non-slip tile	bottle 500 ml	20 bottles	38.81 p/u	

Check the chemical resistance of the material to be cleaned

*Given the wide variety of ceramic materials, glass mosaics and natural stones, we recommend to check with your tile provider about chemical resistance of the tiles before applying any cleaning product.

Before using any cleaning product, please perform a test or refer to the product's technical sheet.

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P/EU

12 bottles

12.47 p/u



SHOWER DECK SYSTEM

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shower deck n



New shower tray concept with concealed drain for the most exclusive bathrooms. This innovative shower tray system lets us create a sense of continuity with the rest of the bathroom floor because the slopes are concealed under the floor. Drainage is achieved through the open joints and does not require the installation of an evacuation grid.

The **shower deck n** is a shower tray made up by a polyurethane base coated with thermoset polymers, especially designed to to have ceramic plates installed. Specially recommended for bathroom renovations.

Features:

- Flat shower tray without slopes.
- Polyurethane base coated with thermoset polymers.
- Drain concealed from sight.
- Ultra-slim shower tray; only 30 mm in height.
- Easy to clean and high resistance to domestic-use detergents.
- Virtually no maintenance, especially compared with wooden floors.
- Thermal insulation.
- · Easy installation and assembly.

Installation:

- · Concrete floor slabs.
- Cement covered floors.
- Wood flooring.

Physical properties of the shower deck ns tray:

Color	Black
Weight	5 Kg/m ²
Compression resistance	2000 KpA
Capillarity	0
Limit application temperature.	-70/+130°
Supply thicknesses (mm)	30 mm

Tolerances Length and width:

± 2 mm Thickness: +/- 2 mm

Squaring: < 2 mm/m

Recommended use:

- Shower trays and cabins in designer bathrooms.
- Shower trays in public buildings.
- Applications where it is necessary to eliminate architectural barriers.
- Accessible bathrooms.

Materials:

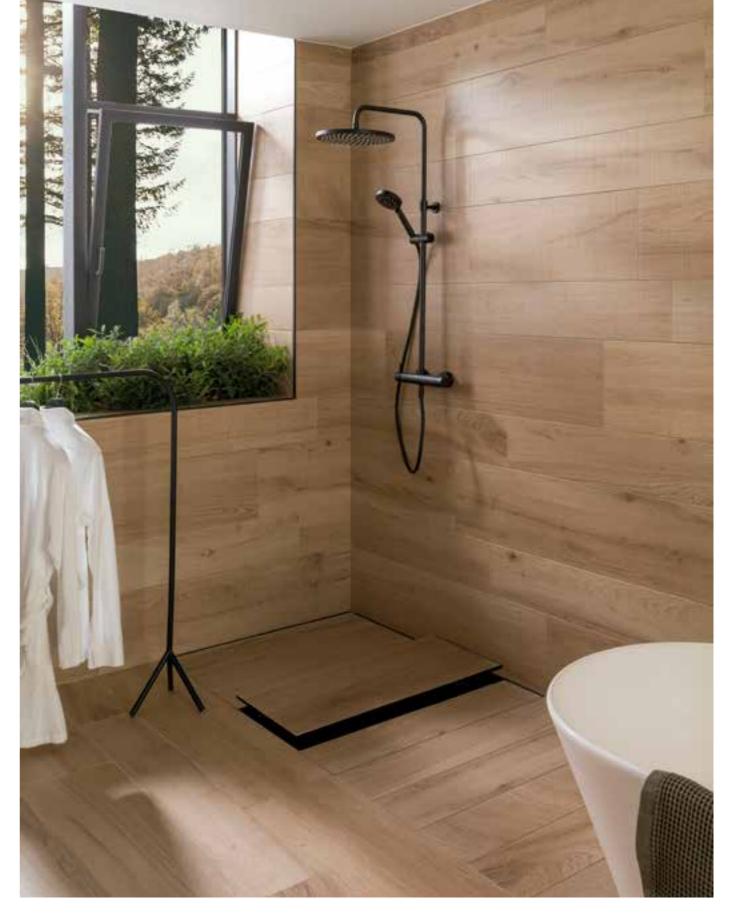
Porcelain tiles with a thickness of 6 mm or above. For models with a lower thickness, stick a reinforcing sheet on the back of the piece; check characteristics with the Butech Technical Department

- KRION slabs
- Anti-slip porcelain tile plates
- STON-KER antislip
- PAR-KER antislip
- SOLID-KER antislip

Components:

- shower deck n tray
- imperband 5 m²
- Non-return valve drain. Output Ø 40 mm and 0.52 l/s
- 5 linear meters lami-band 200 roll
- Drain reinforcement piece
- P-404 tube
- Protection plate
- Manhole key
- PVC leveling profiles of 14X14X2000 mm to reference the height and finish of the ceramics (2 pcs)
- Profiles for union of ceramic pieces of 35 x 14 x longest measurement of the tray, max. 2000 mm (2 pcs)
- Ceramic tiles not included

SAP		Presentation	P/EU	
100350281	700 x 700 x 30 mm	1 box	714.41 p/u	
100350335	800 x 800 x 30 mm	1 box	798.04 p/u	
100350336	800 x 938 x 30 mm	1 box	863.36 p/u	
100350337	900 x 938 x 30 mm	1 box	906.71 p/u	
100350338	1216 x 938 x 30 mm	1 box	1058.01 p/u	
100349341	Bespoke*	1 box	The state of the s	



drain		
SAP		P/EU
250045810	horizontal swd drain	27.46 p/g
250049540	vertical horizontal swd drain	30.64 p/s
250049695	high flow swd drain + non-retirn valve	98.75 p/s
250045810 250049540	vertical horizontal swd drain	27.46 30.64

^{*} Maximum shower tray dimensions 1.300 x 2.000 x 30 mm

concept xps shower trays



It is a prefabricated system for creating built in shower trays. They include the slopes for the correct water drainage, as well as the drain and the waterproofing system. This system is supplied ready to use, which reduces working times while guarantees a perfect substrate for laying mosaic, natural stone or ceramics.

concept xps shower tray is light, resistant and safe, reason why it is specially recommended in bathroom refurbishing jobs. It includes imperband kit as a drain, but it does not include the decorative grating, so you can choose among a wide range of sizes, shapes and finishes.

Features:

- Prefabricated shower tray made of extruded polystyrene covered with **imperband eco** sheet.
- It includes slopes for water drainage.
- The shower is supplied in two pieces that fit with the sump adjustment piece.
- It includes imperband kit for waterproofing the shower tray and the adjustment piece.
- Minimum system height:
 - Reburbising drain: 75 mm
 - Standard drain: 95 mm
- Available for square as well as for linear drains.
- Not include the decorative grate.

•	Compression resistance	EN 826	$200 d_{N} =$
•	(10% deformation):		20 mm
•	Thermal conductivity:	EN 12667	0,033 W/mol
•	Flammability:	FN 13501-1	F

Recommended uses:

Specially designed for waterproofing built in showers.

Materials:

- Absorbent and non-absorbent ceramic tiles. Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone and marble not prone to staining.

Substrates:

- Concrete floor slabs.
- Cement covered floors.

concept shower tray selection guide

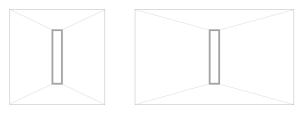
- 1. Select the type of decorative grating:
- Square grating: Shower tray for square grating
- Linear grating: Shower tray for linear grating
- **2**. Select the shape of the shower tray and the position of the grating:
- **SCC**: Centered Square Drain
- **SCD**: Offset Square Drain
- **SLC**: Centered Linear Drain
- SLD: Offset Linear Drain

SCC

SLC







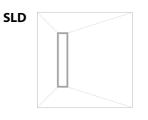
3. Select type of drain:

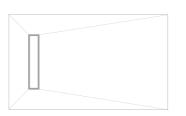
100350258

- Refurbishing imperband kit
- Standard imperband kit.
- 4. Choose the shower tray among the available sizes.

SCD	0	0

Bespoke



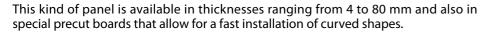


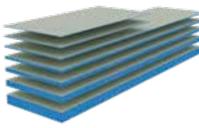


Panel concept xps



concept xps panels are extruded polystyrene panels ready for laying wall tiles, mosaics or natural stone with cement-based adhesives. Polystyrene lightness and easy handling, as well as its mechanical resistance and damp resistance make of this panel the perfect substrate for all kinds of environments where damp is present.





Features:

- Extruded polystyrene boards covered on both sides with waterproof cement mortar.
- Non-absorbent material. Its structure prevents water buildup. Resistant to dampness.
- Excellent surface for laying rectified tiles.
- Low thermal conductivity coefficient.
- Good soundproofing against impact noise.
- Easy handling and transport.
- Quick and clean installation.
- Resistant to microorganism attack.
- Inert and non-hazardous material made with 50% to 70% recycled material.
- Fire resistant: B1 as per DIN 4102.

Recommended uses:

- Preparation of substrates for ceramic tiles laying.
- Bathroom countertops and vanities in permanently
- Bathroom partition walls and platforms.
- Bathtub skirts and shower cabins.
- Shelves and panels attached to partition walls.
- Health resorts, saunas and spa premises.
- Thermal insulation of electric radiant heating floors.

Substrates:

- Usual indoor substrates in the building industry.
- Uncovered brick partition walls.
- Concrete floor slabs.
- Existing wall and floor tiles.
- Self-supporting indoors. Only 50 and 80 mm boards.

tiles with a water absorption < 0.5% as per EN-ISO

- Specially recommended in refurbishing jobs.

Materials:

- Absorbent and non-absorbent ceramic tiles. Porcelain
- Glass mosaic.
- Natural stone and marble not prone to staining.

10545-3.

concept fastening						
SAP		Presentation	P/EU			
100067686	45 mm metal fastening	50 ud/bag	48.33 p/bag			
100062773	130 mm plastic fastening	10 ud/bag	11.00 p/bag			
100062774	130 mm plastic fastening	50 ud/bag	51.05 p/bag			
100062775	80 mm plastic fastening	10 ud/bag	8.11 p/bag			
100062776	80 mm plastic fastening	50 ud/bag	34.69 p/bag			



Self-adhesive fiberglass mesh roll

Fixing elements for concept xps panels

SAP		Presentation	P/EU
100062825	self-adhesive fiberglass mesh	Roll 10 m	11.17 p/roll
100062826	self-adhesive fiberglass mesh	Roll 20 m	19.26 p/roll



Polyurethane putty

SAP		Presentation	P/EU
100292915	h-920	290 ml	11.89 p/u
100031189	super-one gris	25kg	1.32 p/kg



Technical features

PROPERTIES	STANDARD	VALUE
Compression resistance (10% strain)	DIN 53421	300 KN/m ²
Nominal density	EN 1602	35 Kg/m3
Shear resistance	EN 12090	0,25 N/mm²
Tensile strength	EN 1607	0,50 N/mm²
Adherence of the protection		> 2,0 Kg/cm²
Resistance to eccentric load		> 10,0 Kg/cm²
Water absorption		< 1,0 Kg/m²
The arms of a second control of the	EN 12164	0,034 W/m.k (30-60 mm)
Thermal conductivity	EN 12090 EN 1607 of the protection of eccentric load ption EN 13164	0,036 W/m.k (> 60 mm)
Working temperature range		-50 °C / +75 °C
		Length: +/- 5 mm
Talanan		Width: +/- 3 mm
Tolerances		Thickness: +/- 2 mm
		Squareness: < 2 mm/m.l.
Fire resistance	DIN 4102-1	B s1-d0

SAP		ua./pallet	P/EU
100103351	4 mm 1250 x 600	300	24.62 p/u
100103352	6 mm 1250 x 600	280	23.72 p/u
100103349	10 mm 2500 x 600	225	51.62 p/u
100103350	20 mm 2500 x 600	111	55.65 p/u
100103354	30 mm 2500 x 600	80	62.80 p/u
100103355	50 mm 2500 x 600	45	72.60 p/u
100103356	80 mm 2500 x 600	31	113.53 p/t

HOWER TRAYS AN

imperband standard kit



The **standard imperband kit** is an indoor waterproofing system consisting of a PVC gutter thermowelded to a 150 x 225 cm waterproof sheet. Specially recommended for waterproofing shower trays in new building works. Residential use.

The waterproof sheet is an imperband type 0,5 mm thick polymer membrane with a double thermoplastic polyolefin sheet and covered on both sides by non woven polyester fibers that allow it to be bonded to surfaces using cement-based adhesives. The gutter features a compact design and multiple possibilities of outlet connections.

It does not include neither the grate nor the drain frame.



imperband refurbishing kit n



The **imperband refurbishing kit n** is an indoor waterproofing system consisting of an extrathin PVC gutter thermowelded to a 150×225 cm waterproof sheet. Specially recommended for waterproofing shower trays in refurbishing jobs. Residential use.

The waterproof sheet is an imperband type 0.5 mm thick polymer membrane with a double thermoplastic polyolefin sheet and covered on both sides by non woven polyester fibers that allow it to be bonded to surfaces using cement-based adhesives. The only 65 mm drain height allows to carry out installations of 75 mm from the substrate to the ceramic wall covering.

It does not include neither the grate nor the drain frame.



Features:

- Maximum security, it eliminates leakage risks between waterproof sheet and drain piece.
- 150 x 225 cm waterproof sheet.
- Discharge speed. 0.6 l/s.
- Compact system, just 100 mm high.
- Adaptable to horizontal and vertical outlets. Asjustable outlet diameter: 40/50 mm.
- Includes u-bend.
- Direct installation of the tile on the waterproof sheet.
- Quick and easy application.

Recommended use:

Specially designed for waterproofing built in showers

Features:

- Maximum security, it eliminates leakage risks between waterproof sheet and drain piece.
- 150 x 225 cm waterproof sheet.
- Discharge speed. 0.5 l/s.
- Very compact system, just 75 mm high.
- 50 mm diameter horizontal outlet.
- Includes u-bend.
- · Direct installation of the tile on the waterproof sheet.
- · Quick and easy application.

Recommended use:

Specially designed for waterproofing showers in refurbishing jobs.

Materials:

- Absorbent and non-absorbent ceramic tiles.
 Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone.

Substrates:

Cement covered floors.

Installation:

- Depending on the drainage pipe position, select one of the system outlets and seal the other outlet with the cap provided to that effect.
- Given the case, use the drain outlet diameter adapter and glue the drainage pipe.
- Before laying the ceramics of the shower tray, check that the gutter works correctly.
- Use the waterproof sheet in the same way as the imperband sheet.

Materials:

- Absorbent and non-absorbent ceramic tiles.
 Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone.

Substrates:

Cement covered floors.

Installation:

- Connect the imperband refurbishing kit n and check that the gutter works correctly.
- Use the waterproof sheet in the same way as the imperband sheet.

imperband standard kit				
SAP		Presentation	P/EU	
100103360	Kit 150 x 225 cm	1ud/box	102.22 p/u	

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

imperband refurbishing kit n				
SAP		Presentation	P/EU	
100187047	Kit 150 x 225 cm	1ud/box	128.31 p/u	

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

linear grates



glass white SAP 100141156

93 x 596 mm

Presentation 1ud/box

P/EU **411.24** p/u



linear grates



SAP

100278946 93 x 596 mm Presentation 1ud/box

576.64 p/u



glass black

SAP 100141153

93 x 596 mm

Presentation 1ud/box

P/EU

411.24 p/u



100103365 93 x 596 mm 100103366 93 x 800 mm 100103364 93 x 1200 mm Presentation 1ud/box 1ud/box 1ud/box

P/EU **338.72** p/u **444.25** p/u **634.52** p/u



ceramic framed

SAP 100148593 93 x 596 mm 100148595 93 x 800 mm Presentation 1ud/box 1ud/box

P/EU **342.99** p/u **456.74** p/u



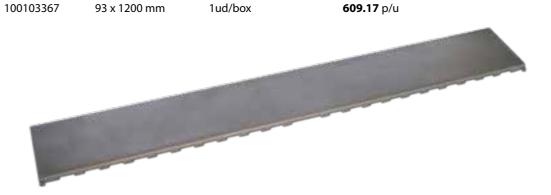
Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

Includes drainage channel and grate.

texture

SAP 100103368 93 x 596 mm 100103369 93 x 800 mm Presentation 1ud/box 1ud/box

P/EU **322.80** p/u **440.12** p/u



Includes drainage channel and grate.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

93 x 596 mm

93 x 800 mm

93 x 1200 mm



standard n squared

100148572

Presentation 1ud/box

P/EU 44.22 p/u

SAP 100114593 P/EU





line	

squared

100103371

100103372

100103370

SAP

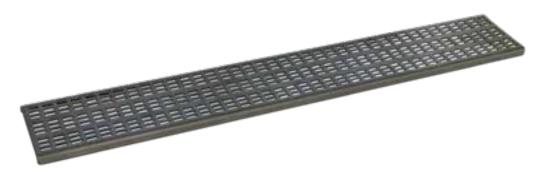
SAP P/EU Presentation 100103374 **299.43** p/u 1ud/box 93 x 596 mm **405.46** p/u 100103375 93 x 800 mm 1ud/box **554.08** p/u 100103373 93 x 1200 mm 1ud/box

Presentation

1ud/box

1ud/box

1ud/box



P/EU 305.20 p/u

405.46 p/u

554.08 p/u

square chrome			square texture-reve	square texture-revestible		
SAP	Presentation	P/EU	SAP	Presentation	P/EU	
100293010	1ud/box	51.92 p/u	100344172	1ud/box	133.22 p/u	





Includes drainage channel and grate.

All references include drain channel and grate.



eco linear grates kit



	-			
texture-revestib	le			
SAP		Presentation	P/EU	
100338557	600 x 60 mm	1ud/box	281.27 p/u	
100338558	800 x 60 mm	1ud/box	363.20 p/u	
100333806	1200 x 60 mm	1ud/box	527.05 p/u	
100333807	1500 x 60 mm	1ud/box	649.96 p/u	
100333778	1800 x 60 mm	1ud/box	731.89 p/u	
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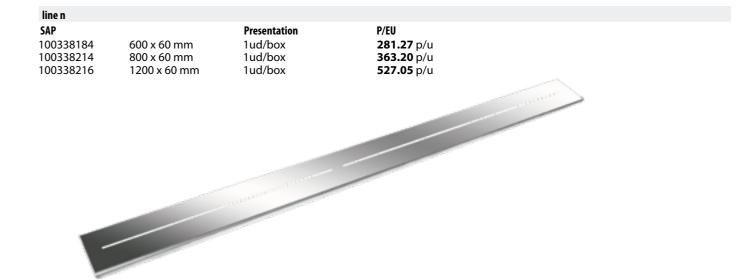
cnrome				
SAP		Presentation	P/EU	
100338199	600 x 60 mm	1ud/box	281.27 p/u	
100338220	800 x 60 mm	1ud/box	363.20 p/u	
100338224	1200 x 60 mm	1ud/box	527.05 p/u	_

SAP		Presentation	P/EU	
00338186	600 x 60 mm	1ud/box	281.27 p/u	
00338223	800 x 60 mm	1ud/box	363.20 p/u	
00338189	1200 x 60 mm	1ud/box	527.05 p/u	
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eco linear grates kit



SAP Presentation P/EU 100338185 600 x 60 mm 1 ud/box 514.00 p/u 100338221 800 x 60 mm 1 ud/box 595.93 p/u 100338188 1200 x 60 mm 1 ud/box 759.78 p/u		matt black
100338221 800 x 60 mm 1ud/box 595.93 p/u	Presentation	SAP
100338221 800 x 60 mm 1ud/box 595.93 p/u	mm 1ud/box	100338185
100338188 1200 x 60 mm 1ud/box 759.78 p/u		
	mm 1ud/box	



Eco linear grate kit

Components

- Drain
 imperband eco membrane thermally sealed to the drain
- 3. Channel
- 4. Grate supports
- 5. Filter
- 6. Stainless steel grate



imperbox

imperbox is paste, ready-to-use waterproofing system specially recommended for waterproofing plasterboard indoors. Compatible with type C2 cement-based adhesive as per EN 12004. Indoor use.

Paste with water-dispersed acrylic polymers that provide it with excellent bonding and deformability properties, which means it can be used over the most common types of substrates used in construction. Special pieces and bands available for waterproofing joints and other critical spots.



sylastic Premium

sylastic Premium is a single-component cementitious waterproofing material with excellent adhesion and deformability, both under positive and negative pressure. Compatible with type C2 cementitious adhesives according to EN 12004, it can be

It avoids the need for screeds between the waterproofing and the tile, which reduces the thickness of the system. Application is done in two successive coats with a total thickness of at least 2 mm. Special pieces and bands are available for waterproofing joints and other critical points.

used to waterproof substrates prior to installing tiles. Indoor and outdoor use.



Features:

- Water-based paste.
- Indoor waterproofer.
- Excellent adherence. Flexible.
- Good chemical resistance.
- Quick and easy application.

Materials:

- Absorbent and non-absorbent ceramic tiles. Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone and marble.

Substrates:

- Cement covered floors and walls.
- Anhydrite or plaster covered floors and walls.
- Concrete slabs.
- Plasterboards.
- Plywood boards.

Coverage:

Bond coat

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One-layer application $1.5 \text{ kg} / \text{m}^2$

Waterproofing

Two-layer application $3.6 \, \text{kg} / \, \text{m}^2$ Mean thickness per imperbox layer: 1.5 mm

Recommended use:

- Private bathrooms. Built in showers.
- Public toilets and showers.
- Spas and premises in permanently damp environments.
- Balconies, covered terraces, cornices and gutters.
- Adhesion promoter on old vinyl and polyurethane adhesives.
- Do not use in outdoors surfaces greater than 10 m².

Angles and waterproof bands:

Special pieces made of waterproof thermoplastic rubber, mounted on polyester sheets which allow laying with type C2 cement-based adhesives as per EN 12004. Specially designed for waterproofing critical spots.

- **1. Inner angle:** Piece for sealing inner corners.
- 2. Outer angle: Piece for sealing outer corners.
- **3. Waterproof band:** 8 cm wide waterproofing band for sealing edges, level changes and movement joints.







Presentation 10 Kg can 450 Kg/pallet 100006223 8.28 p/kg imperbox manhattan 100006210 **8.73** p/u outer angle unit 100006211 **8.73** p/u inner angle unit 100081531 10 ml waterproof band Roll 10 m **4.67** p/m 100006221 50 ml waterproof band Roll 50 m 4.49 p/m

Features:

- Single-component waterproofing mortar
- Waterproofing for both positive and negative hydrostatic pressure
- Waterproofing of interiors and exteriors
- Maximum waterproofing with the minimum thickness (2 mm)
- Suitable for direct installation of tiles with cementitious adhesive
- Excellent adherence and maximum deformability
- Permeable to water vapor, prevents moisture condensation
- Suitable for direct contact with water
- Mixing water: 3.6 liters per 15 kg bag

Recommended use:

- Shower trays and cabins, bathrooms, spas and facilities in environments with permanent humidity
- Exterior terraces and balconies
- Pools and facilities in direct contact with water
- Basements, elevator shafts or tunnels even below the water table
- Cisterns and tanks in direct contact with water
- Repair of cracked screeds and plasters

Materials:

- Absorbent and non-absorbent tiles. Porcelain stoneware (water absorption < 0.5% according to EN-ISO 10545-3)
- Glass mosaics
- Natural stones and marbles

Coverage:

Waterproofing:

 $> 2 \text{ Kg} / \text{m}^2$ First laver: Second layer: $> 1 \, \text{Kg} / \, \text{m}^2$ Total waterproofing: $> 3 \text{ Kg} / \text{m}^2$

- Sylastic Premium total minimum thickness: 2mm
- Coverage per millimetre of thickness of sylastic

Premium: 1,5 Kg/m²

Substrates:

- Cement mortar floors and plasters
- Concrete sheets
- Existing wall and floor tiles
- Plasterboard sheets.

Before applying sylastic Premium, moisten the support with water.

On substrates which are cracked or potentially subject to slight movements, reinforce the second layer of sylastic Premium with a fiberglass mesh. Do not apply on plaster supports.

sylastic Premium				
SAP 100316193	sylastic Premium	Presentation 15 Kg bag	P/EU 4.84 p/kg	
100288372	50 m fiberglass mesh	50 m ² roll	2.67 p/m²	
100006210 100006211	outer angle inner angle	unit unit	8.73 p/u 8.73 p/u	
100081531 100006221	10 ml waterproof band 50 ml waterproof band	10 m roll 50 m roll	4.67 p/m 4.49 p/m	

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

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imperband

imperband is a waterproof sheet, specially designed for indoor waterproofing of ceramic wall and floor coverings.



It is a 0,5mm thick polymer membrane with a double thermoplastic polyolefin sheet and covered on both sides by non woven polyester fibers that allow it to be bonded to surfaces using cement-based adhesives. Ideal for use in new construction and refurbishment of showers and baths, and any indoor environment permanently affected by damp.

Certifications/Standards:

Avis technique: CSTB 13/16-1319 V1.1

Features:

Installation:

- Double thermoplastic polyolefin membrane covered on both sides by non woven polyester fibers.
- Maximum waterproofing with minimal thickness (0.5 mm).
- Direct installation of the tile on the sheet.
- Good chemical resistance.
- Quick and easy application.

Recommended use:

- Private bathrooms. Built in showers.
- Public toilets and showers.
- Spas and premises in permanently damp environments.
- Balconies and terraces smaller than 10 m².
- Do not use in outdoors surfaces greater than 10 m².

- imperband sheet is compatible with type C2 cementbased adhesive as per EN 12004.
- In case of surfaces bigger than the length of the sheet, overlap two 10 cm sheets and bond with C2 adhesive.
- In waterproofing of floors, leave an excess of sheet of at least 10 cm in all the spots where floor meets the wall.
- Be extremely cautious when connecting the sheet to the drainage systems.
- Once the imperband sheet has been installed, cover with the chosen floor covering. Never leave exposed to direct sunlight.

Materials:

- Absorbent and non-absorbent ceramic tiles. Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone and marble.

Substrates:

- Cement covered floors and walls.
- Concrete slabs.
- Plasterboards.
- On anhydrite or plaster substrates apply uniprim, previously to the cement based adhesive

imperband eco



imperband eco is a waterproof sheet made of recycled material specially designed for indoor waterproofing of ceramic wall and floor coverings.

It is a 0,5mm thick polymer membrane with a double thermoplastic polyolefin sheet and covered on both sides by non woven polyester fibers that allow it to be bonded to surfaces using cement-based adhesives. Ideal for use in new construction and refurbishment of showers and baths, and any indoor environment permanently affected by damp.





Certifications/Standards:

E.P.D. - Environmental Product Declaration: Being processed.

Features:

- 70% recycled material.
- Double thermoplastic polyolefin membrane covered on both sides by non woven polyester fibers.
- Maximum waterproofing with minimal thickness (0.5
- Direct installation of the tile on the sheet.
- Good chemical resistance.
- Quick and easy application.

Recommended use:

- Private bathrooms. Built in showers.
- Public toilets and showers.
- Spas and premises in permanently damp environments.
- Balconies and terraces smaller than 10 m².
- Do not use in outdoors surfaces greater than 10 m².

Installation:

- imperband eco sheet is compatible with type C2 cement-based adhesive as per EN 12004.
- In case of surfaces bigger than the length of the sheet, overlap two 10 cm sheets and bond with C2 adhesive.
- In waterproofing of floors, leave an excess of sheet of at least 10 cm in all the spots where floor meets the
- Be extremely cautious when connecting the sheet to the drainage systems.
- Once the imperband eco sheet has been installed, cover with the chosen floor covering. Never leave exposed to direct sunlight.

Materials:

- Absorbent and non-absorbent ceramic tiles. Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone and marble.

Substrates:

- Cement covered floors and walls.
- Concrete slabs.
- Plasterboards.
- On anhydrite or plaster substrates apply uniprim, previously to the cement based adhesive

imperband			
SAP 100276193 100276212	imperband imperband	Presentation roll 30 m ² 720 m ² /pallet roll 5 m ² 480 m ² /pallet	P/EU 15.28 p/m ² 15.48 p/m ²

imperband eco				
SAP 100337140 100337121	imperband eco imperband eco	Presentation roll 30 m ² 720 m ² /pallet roll 5 m ² 480 m ² /pallet	P/EU 16.50 p/m ² 16.66 p/m ²	

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet

pool-deck



Drainage system for pools and terraces covered with porcelain tiles. This new water collection channel system is prepared to receive PORCELANOSA Grupo tiles and allows water to drain through the open joints between them. Compatible with any exterior waterproofing system, pool-deck replaces the traditional metal or plastic grates, completely changing the finish and durability of any outdoor flooring.

Available for 19.3 and 25 cm wide tile pieces. Professional system.



Features:

Supports:

- Drainage through the open perimeter joint around the tile pieces. Drain joint width: 7mm
- Compatible with all butech exterior waterproofing systems: sylastic and lamitech n.
- Compact; only 55 mm thick channel plus tile.
- Light system, only 9 kg / m²
- High compressive strength: 2000 kpa

Recommended use:

- Drainage of interior and exterior flooring.
- Private and public showers.
- Terraces and pools
- Especially recommended for the following formats:
 - PAR-KER 193 x 1200 mm
 - PAR-KER 193 x 1800 mm
 - PAR-KER 250 x 1500 mm

Materials:

- · Non-slip porcelain tile pieces
- STON-KER antislip
- PAR-KER antislip
- SOLID-KER antislip

pool-deck complements

· Cement mortar screeds

pool-deck channel: 95 cm long channel with internal V-slope, which includes heat-sealed IMPERBAND waterproofing sheet over the eaves of the channel.

pool-deck adjustment Channel: Adjustment piece of different length measurements with internal V-slope, which includes heat-sealed IMPERBAND waterproofing sheet over the eaves of the channel. To complete the measurement required by the installation, these pieces will be available in the following measures: 15, 25, 35, 45, 55, 65, 75 and 85 cm.

pool-deck drain: Drain piece with internal V-shaped slope, which includes IMPERBAND waterproofing sheet heat-sealed over the eaves of the channel and a special drain designed for this system that withstands high pressures and is resistant to products commonly used in swimming pools.

pool-deck corner: Corner piece with internal V-slope, including IMPERBAND waterproofing sheet heat-sealed over the eaves of the channel.

pool-deck corner drain: Corner drain piece with internal V-slope, which includes heat-sealed IMPERBAND waterproofing sheet over the eaves of the channel and a special drain designed for this system that withstands high pressures and is resistant to products commonly used for swimming pools.

pool-deck side: Channel closure / start terminal that includes heat-sealed Imperband waterproofing sheet over the eaves of the channel.





pool-deck 25 cm

SAP		P/EU
100284628	pool-deck channel 25x95	156.62 p/u
100284678	pool-deck adjustment channel 25x15	95.79 p/u
100284682	pool-deck adjustment channel 25x25	104.12 p/u
100284683	pool-deck adjustment channel 25x35	112.47 p/u
100284684	pool-deck adjustment channel 25x45	120.78 p/u
100284667	pool-deck adjustment channel 25x55	129.12 p/u
100284648	pool-deck adjustment channel 25x65	137.44 p/u
100284668	pool-deck adjustment channel 25x75	145.77 p/u
100284669	pool-deck adjustment channel 25x85	154.11 p/u
100284681	pool-deck drain 25x29,6	109.97 p/u
100284665	pool-deck corner 25x27,4	103.32 p/u
100284680	pool-deck corner drain ext 25x27,4	114.97 p/u
100320031	pool-deck corner drain int 25x27,4	114.97 p/u
100284685	pool-deck side 25x6,5 male	103.32 p/u
100289060	pool-deck side 25x6,5 female	103.32 p/u

pool-deck 19.3 cm

•		
SAP		P/EU
100284673	pool-deck channel 19,3x95	140.78 p/u
100284644	pool-deck adjustment channel 19,3x15	86.60 p/u
100284664	pool-deck adjustment channel 19,3x25	94.50 p/u
100284674	pool-deck adjustment channel 19,3x35	101.50 p/ι
100284675	pool-deck adjustment channel 19,3x45	109.14 p/u
100284646	pool-deck adjustment channel 19,3x55	116.79 p/u
100284653	pool-deck adjustment channel 19,3x65	124.07 p/u
100284676	pool-deck adjustment channel 19,3x75	140.78 p/u
100284638	pool-deck adjustment channel 19,3x85	138.97 p/u
100284637	pool-deck drain 19,3x23,9	99.32 p/u
100284663	pool-deck corner 19,3x21,7	93.13 p/u
100284670	pool-deck corner drain ext 19,3x21,7	103.32 p/ι
100320040	pool-deck corner drain int 19,3x21,7	103.32 p/ι
100284654	pool-deck side 19,3x6,5 male	93.13 p/u
100289037	pool-deck side 19,3x6,5 female	93.13 p/u

terrace drain

<u>↓ |</u> floors It features

The **floor drain** from **butech** is a drain for terraces and outdoor floors. It features a wide dish around the grating, which ease the connection to waterproofing sheets. Available with horizontal and vertical outlet, it helps to solve easily and effectively outdoor waterproofing and drainage.

The 10 cm connecting piece between the grating and the drain can be cut, so that it can be installed with glass mosaics up to natural stones. Includes steel grating.

Recommended use:

- Drain designed for connecting with waterproofing sheet.
- Specially designed for lamitech n waterproofing outdoor terraces and floors.
- · Vertical outlet.

Terrace drain features:

- 190 mm high drain.
- Discharge speed. 1.6 l/s.
- 75/110 mm vertical outlet.36 cm diameter crown for
- **lamitech n** waterproofing sheet fixation.
- Includes u-bend.

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• 143 x 143 mm steel grating.



Terrace drain complements

Terrace drain connection:

Clamp for fixing **lamitech n** waterproofing sheet to drain. Includes stainless steel clamp, rubber o-ring and 6 fixing screws.



bathroom drain

The **bathroom drain** from **butech** is a drain for built in shower trays. It features a wide dish around the grating, which ease the connection to the imperband waterproofing sheet. Available with horizontal and vertical outlet, it helps to solve easily and effectively indoor waterproofing and drainage.

The 10 cm connecting piece between the grating and the drain can be cut, so that it can be installed with glass mosaics up to natural stones. Includes steel grating.

Recommended use:

- Drain designed for connecting with imperband waterproofing sheet.
- Specially designed for waterproofing built in showers.
- Available with horizontal or vertical outlet

Bath drain complements

Bathroom drain connection:

Clamp for fixing imperband sheet to drain. Includes stainless steel clamp, rubber o-ring and 6 fixing screws.



Features for horizontal bathroom drain:

- 75 mm high drain.
- Discharge speed. 0.6 l/s.
- 50 mm horizontal outlet.
- 22 cm diameter crown for **imperband** fixation.
- Optional outlet for serial connections.
- Includes u-bend.
- 10 x 10 cm steel grating.



Features for vertical bathroom drain:

- 140 mm high drain.
- Discharge speed. 0.9 l/s.
- 50 mm vertical outlet.26.5 cm diameter crown for
- imperband fixation.
- Includes u-bend.
- 10 x 10 cm steel grating.



Terrace drain			
SAP		Presentation	P/EU
100005827	75/110 vertical drain	1 ud/box	86.99 p/u
100005829	floor drain connection	1 ud/box	79.07 p/u

bath drain			
SAP		Presentation	P/EU
100005822	40/50 horizontal drain	1 ud/box	50.38 p/u
100005823	50 vertical drain	1 ud/box	51.24 p/u
100005825	bathroom drain connection	1 ud/box	27.63 p/u

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.

butech anti-cracking mat

↓ \

Decoupling sheet for floors undergoing low and medium movements.

This membrane reduces the transfer of tensions and stresses between the substrate and the flooring, protects the flooring against the appearance of cracks caused by sideways movements between the slabs forming the substrate and allows porcelain or natural stone flooring to be laid on substrates with medium and low movements. Especially recommended on floors built with timber panels



lamitech n

 \bigcirc

lamitech n is a multilayer polymer sheet, specially designed for outdoor floors decoupling. Protects tiles against substrate tensions, reducing the risk of breakage and piece lifting. Suitable for outdoor waterproofing.

Coextruded HDPE/EVAC membrane, with one side covered with polyester fibers and the other one with polyester entwined felt, that allows laying with cement-based adhesives. Absorbs tensions, reducing their transmission to the ceramic floor. Indoor and outdoor use.



Features:

- Closed-cell elastomer sheet coated on both sides with non-woven fibers that allow cement-based adhesives to be anchored.
- It allows for direct laying of ceramic tiles with cement-based adhesive types C2 S1 according to EN 12004 or higher.

Color: White

Roll dimensions: 15 m² 1500 x 100 cm

Roll weight: 12.35 kg/roll Sheet thickness: 1.5 mm Sheet density: 525 gr/m²

Materials:

- Stoneware and porcelain stoneware floors, even large formats.
- Natural stones and marbles, even large formats.

The use of butech anti-cracking mat is not recommended:

- Chemically resistant floor coverings
- Under parquet floors

Final use:

- Indoor and outdoor floor tile coverings
- Residential and public concurrence floor coverings with pedestrian traffic
- Floor coverings for commercial or industrial use with mechanical requirements, even with wheel circulation
- Floors with built-in heating
- Suitable for kitchens, bathrooms and water-bearing areas
- · Suitable for floor renovations

We do not recommend the use of butech anti-cracking mat in:

- Indoor and outdoor walls
- Supports exposed to bending movements
- On structural joints or movement joints of the support

Features:

- Multilayer HDPE/EVAC polymer membrane covered with polyester fibers.
- Maximum outdoors waterproofing with minimal thickness (3,4 mm).
- It allows for direct laying of ceramic tiles with cement-based adhesive.
- · Good chemical resistance.
- Improves impact noise reduction.
- Quick and easy application.

Recommended use:

- · Decoupling of balconies and terraces.
- Waterproofing of outdoor floors.
- Laying of ceramics on wood substrates.
- Laying of floor tiles on cracked substrates.
- Terrace refurbishing.
- Laying of ceramics on substrates which are not set yet or present residual damp.

Installation:

- lamitech n sheet is compatible with type C2 cementbased adhesive as per EN 12004.
- Place sheets side by side, without overlappings. In case of using it as waterproofer, proceed to sealing sheet joints with sylastic waterproof mortar and lami-band 200 waterproof band..
- In waterproofing of floors, lengthen the waterproofing with lami-band 200 at least 10 cm in all the spots where floor meets the wall.
- In movement joints, use flexible tape waterproof band.
- Be extremely cautious when connecting the sheet to the drainage systems.
- Once lamitech n has been installed, lay the chosen floor with compatible adhesives. Never leave exposed to direct sunlight.

Materials:

- Absorbent and non-absorbent ceramic tiles.
 Porcelain tiles with a water absorption < 0.5% as per EN-ISO 10545-3.
- Glass mosaic.
- Natural stone and marble.

Substrates:

- Cement or anhydrite covered floors. Apply uniprim beforehand.
- Concrete slabs.
- Existing floor tiles.
- Plywood boards.

lamitech n			
SAP		Presentation	P/EU
100286750	lamitech n	5 m roll 150 m ² /pallet	17.55 p/m ²
100288347	lami-band 200 mm	30 m roll	4.52 p/m
100006221	50 ml waterproof band	50 m roll	4.49 p/m
100316193	sylastic Premium	15 Kg bag	4.84 p/kg

 butech anti-cracking mat

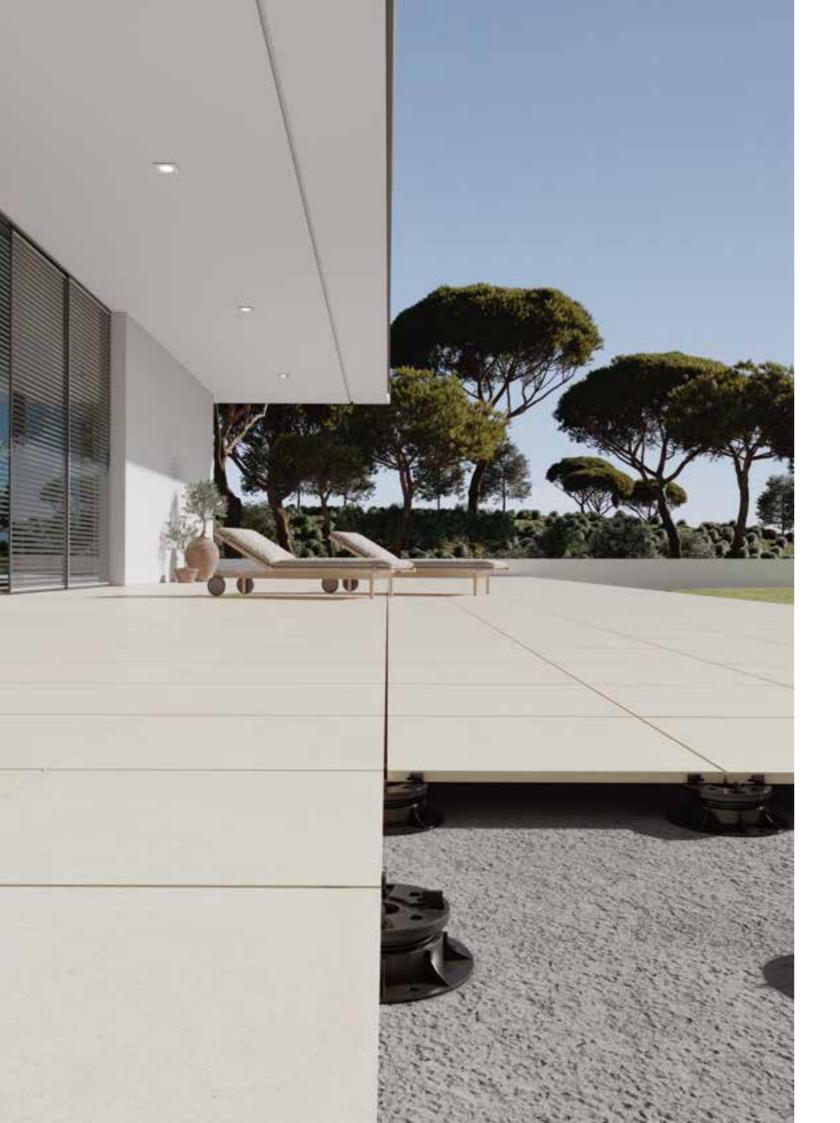
 SAP
 Presentación
 P/EU

 100227223
 Roll 15 m²
 450 m² / pallet
 10.97 p/m²

Before using this product in any application not indicated in this catalog, please perform a test or refer to the product's technical sheet

Bet

Before using this product in any application not indicated in this catalogue, please perform a test or refer to the product's technical sheet.



SYSTEMS

THICKER20_{MM}

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FLOATING STAIRS

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Bottega caliza



bottega caliza antislip 59,6 x 59,6 x 2 cm 100285287 bottega caliza antislip 100323742 60 x 120 x 2 cm bottega caliza antislip 100350765

Recommended joint:

120 x 120 x 2 cm

colorstuk rapid n perla 100275760

Bottega acero



bottega acero antislip 100285276 59,6 x 59,6 x 2 cm

bottega acero antislip 60 x 120 x 2 cm 100323637

bottega acero antislip

120 x 120 x 2 cm Recommended joint: colorstuk rapid n manhattan 100236464

Adhesive: **super-flex S2** 100142757 59,6 x 59,6 cm: 2 pz/cj - 0,71 m²/cj - 22,73 m²/pal 60 x 120 cm: 1 pz/cj - 0,72 m²/cj - 19,44 m²/pal 120 x 120 cm: 1pz/cj - 1,44 m²/cj - 25,92 m²/pal

Includes 20mm tile, plots and installation accessories.

182



Durango bone



Durango bone antislip 59,6 x 59,6 x 2 cm Durango bone antislip 120 x 120 x 2 cm

100308829

ne antislip 100350772

Recommended joint:

colorstuk especial n nacaré 100238235

Durango acero



Durango acero antislip 59,6 x 59,6 x 2 cm

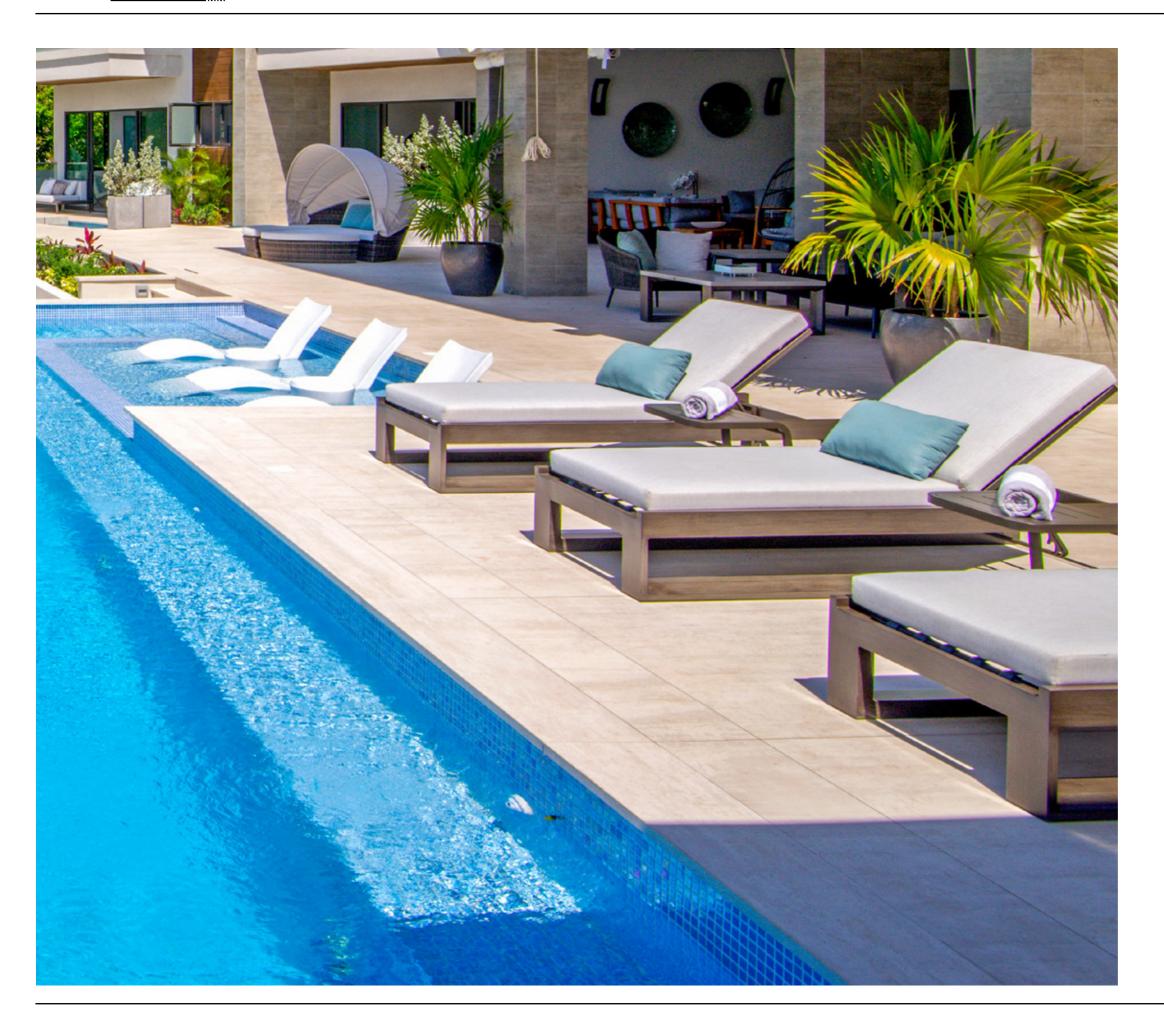
100308870

Durango acero antislip 60 x 120 x 2 cm 100323667

Recommended joint: colorstuk especial n ash 100204245

Adhesive: **super-flex S2** 100142757 59,6 x 59,6 cm: 2 pz/cj - 0,71 m²/cj - 22,73 m²/pal 60 x 120 cm: 1 pz/cj - 0,72 m²/cj - 19,44 m²/pal 120 x 120 cm: 1pz/cj - 1,44 m²/cj - 25,92 m²/pal

THICKER20_{MM}



Nantes acero



Nantes acero antislip 59,6 x 59,6 x 2 cm 100308839

Recommended joint:

colorstuk rapid n gris 100236834

Adhesive: **super-flex S2** 100142757 59,6 x 59,6 cm: 2 pz/cj - 0,71 m²/cj - 22,73 m²/pal

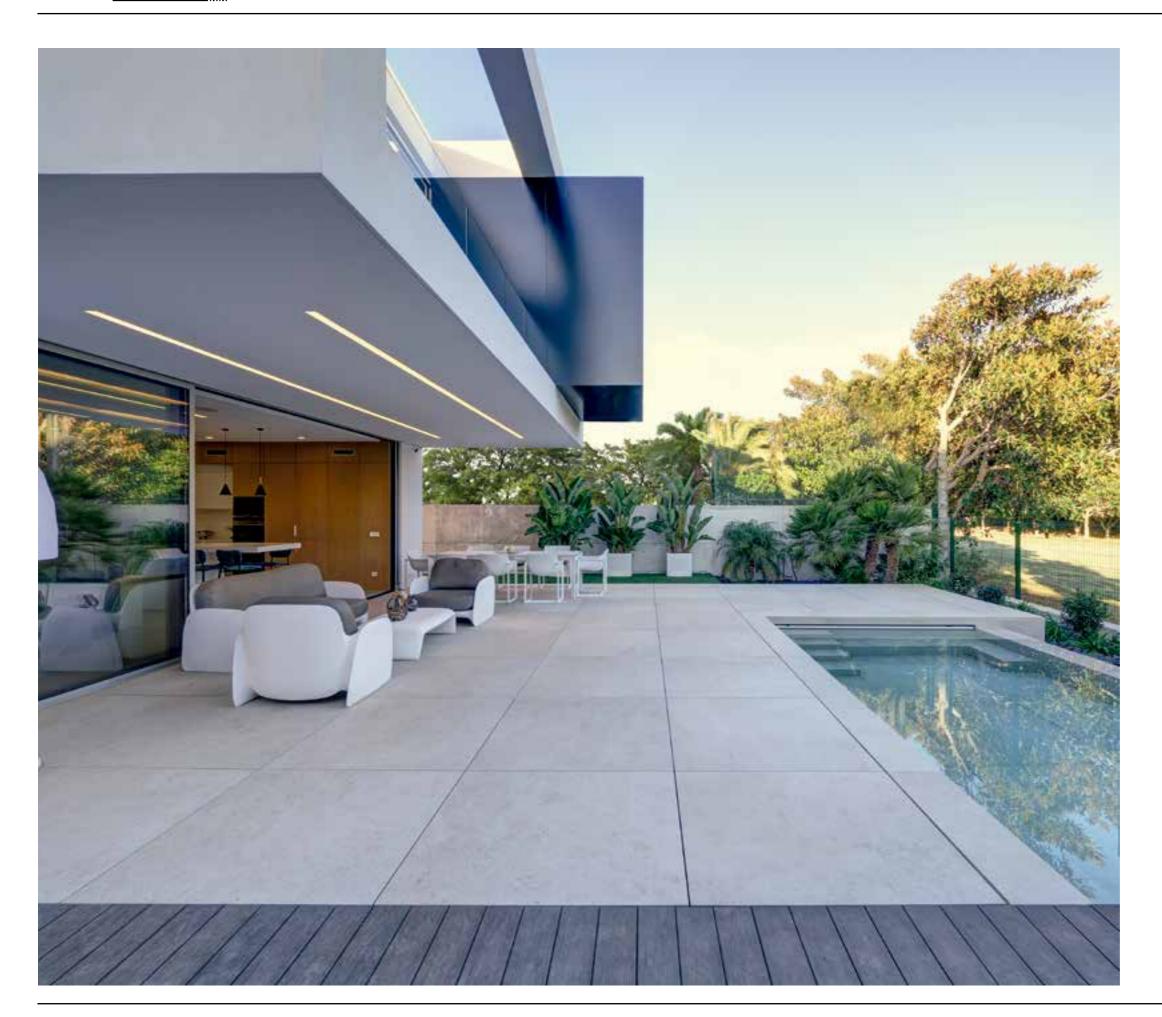


Coral caliza

Coral caliza antislip 120 x 120 x 2 cm 100350773

colorstuk rapid n marfil 100236794 colorstuk rapid n beige 100236808

Adhesive: **super-flex \$2** 100142757 120 x 120 cm: 1pz/cj - 1,44 m²/cj - 25,92 m²/pal



Berna acero



Berna acero antislip 59,6 x 59,6 x 2 cm

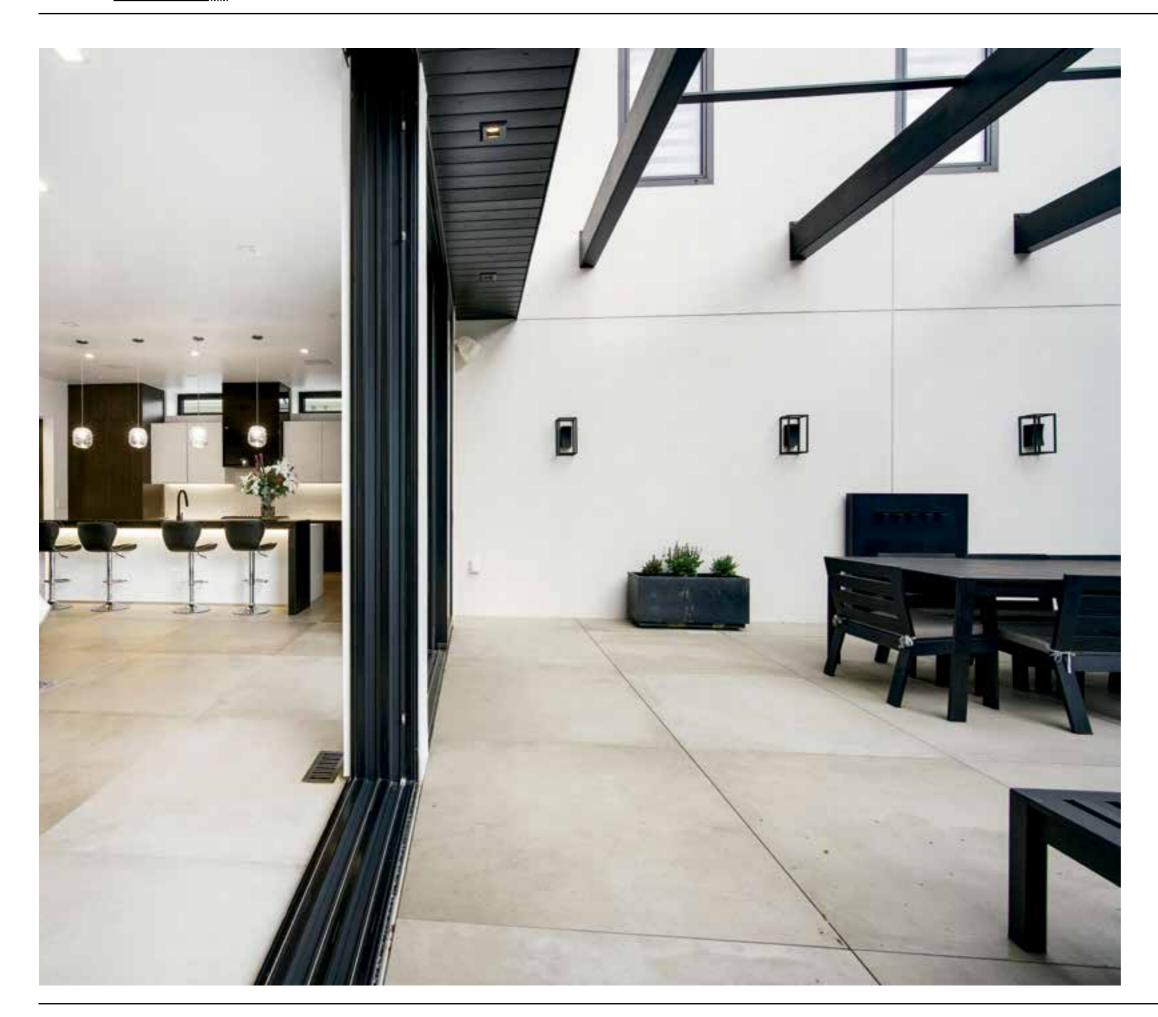
100308856

Berna acero antislip 60 x 120 x 2 cm

100323966

Recommended joint: colorstuk rapid n manhattan 100236464

Adhesive: **super-flex S2** 100142757 59,6 x 59,6 cm: 2 pz/cj - 0,71 m²/cj - 22,73 m²/pal 60 x 120 cm: 1 pz/cj - 0,72 m²/cj - 19,44 m²/pal



Harlem acero



Harlem acero antislip 59,6 x 59,6 x 2 cm

100308854

Recommended joint: colorstuk rapid n manhattan 100236464

Adhesive: super-flex S2 100142757 Packaging: 2 units/box - 0,71 m²/box - 22,73 m²/pallet



Vela natural



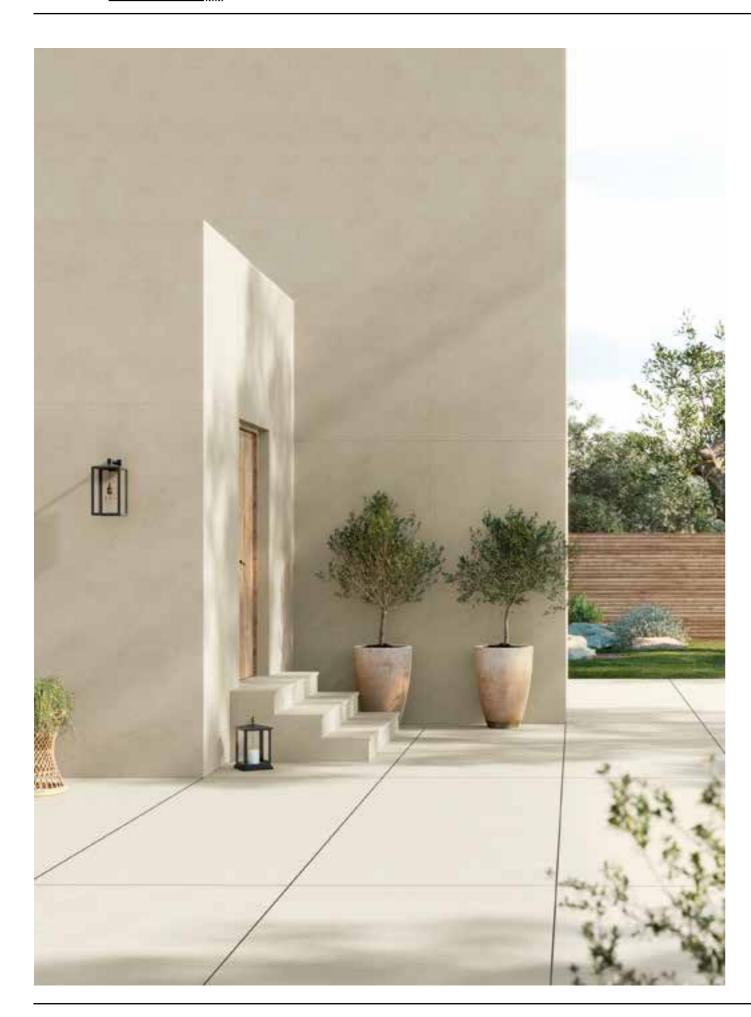
vela natural antislip 59,6 x 59,6 x 2 cm

100309733

Recommended joint:

colorstuk rapid n gris 100236834

Adhesive: super-flex S2 100142757 Packaging: 2 units/box - 0,71 m²/box - 22,73 m²/pallet



Rox coal



Rox coal antislip 59,6 x 59,6 x 2 cm 100167343

colorstuk rapid n manhattan 100236464 Recommended joint:

Rox grey



Rox grey antislip 59,6 x 59,6 x 2 cm

100162534

Recommended joint:

colorstuk rapid n gris 100236834 epotech nature ash 100177504

Rox beige

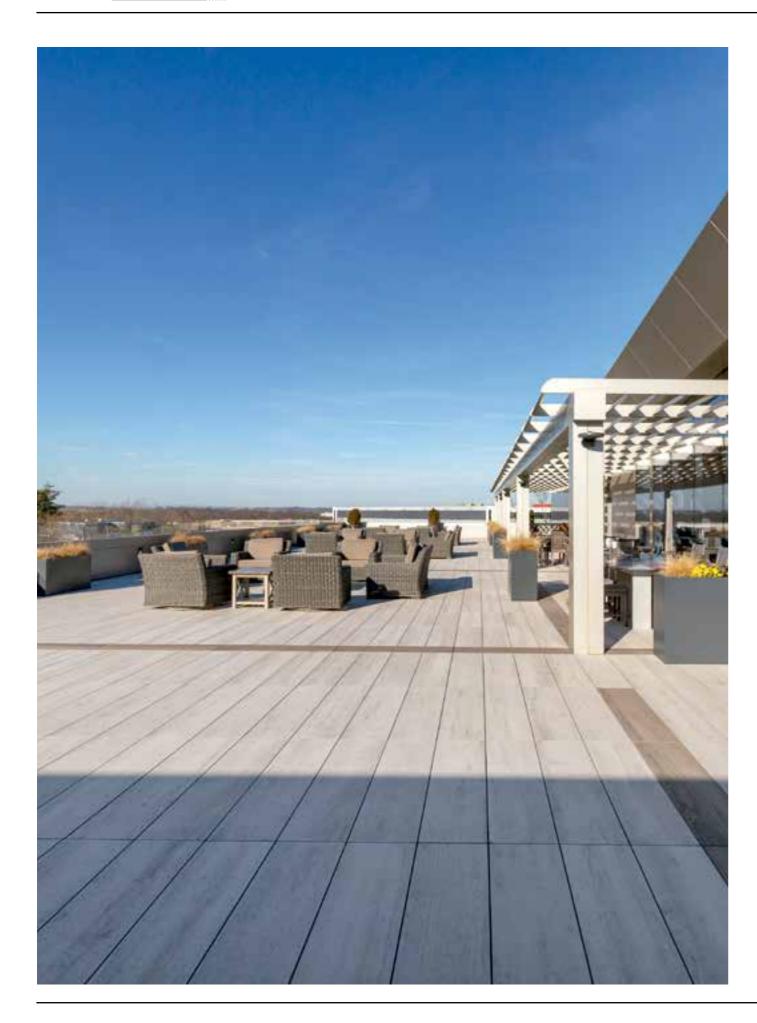


Rox beige antislip 59,6 x 59,6 x 2 cm

epotech nature maple 100177514 epotech nature oak 100177484 Recommended joint:

Adhesive: super-flex S2 100142757

Packaging: 2 units/box - 0,732 m²/box - 21,96 m²/pallet



Riven white



Riven white antislip rect. 29,5 x 120 x 2 cm

100229792

Recommended joint:

colorstuk rapid n gris 100236834

Riven cream



Riven cream antislip rect. 29,5 x 120 x 2 cm

100229737

Recommended joint:

colorstuk rapid n beige 100236808 colorstuk rapid n gris 100236834

Riven brown



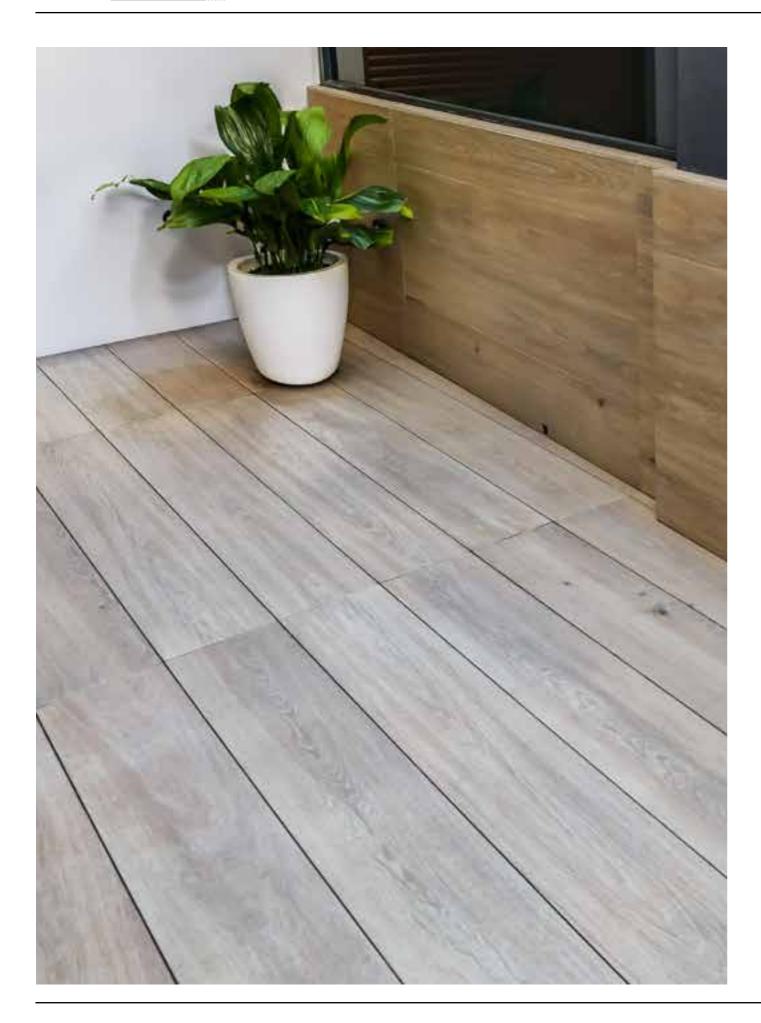
Riven brown antislip rect. 29,5 x 120 x 2 cm

100229775

Recommended joint: colorstuk rapid n manhattan 100236464

Adhesive: super-flex S2 100142757

Packaging: 2 units/box - 0,708 m²/box - 22,66 m²/pallet



Tanzania white



Tanzania white antislip 29,5 x 120 x 2 cm

100323793

Recommended joint:

colorstuk rapid n ash 100204245

Tanzania silver



Tanzania silver antislip 29,5 x 120 x 2 cm

100323767

Recommended joint:

 $\textbf{colorstuk especial n ash} \ \ 100204245$

Tanzania nut



Tanzania nut antislip 29,5 x 120 x 2 cm 100323785

Recommended joint:

colorstuk especial oak 100204255

Adhesive: super-flex S2 100142757

Packaging: 2 units/box - 0,708 m²/box - 22,66 m²/pallet



Tanzania almond



Tanzania almond antislip 100323765 29,5 x 120 x 2 cm

Recommended joint: colorstuk especial iroko 100236834

Tanzania natural



Tanzania natural antislip 100323766 29,5 x 120 x 2 cm

Recommended joint: colorstuk especial elm 100234451

Adhesive: super-flex S2 100142757

Packaging: 2 units/box - 0,708 m²/box - 22,66 m²/pallet

plots adjustables (normal plot)

Туре	Adjustable
Compression resistance	750 kg/unit. aprox.
Dimensions	Lower support base Ø 150 mm Upper head Ø 92 mm
Heights	Minimum 30 mm Maximum 100 mm
Slopes	From flat to 2 %



plots adjustables (ultra plot)

Туре	Adjustable
Compression resistance	1.000 kg/unit. aprox.
Dimensions	100/130: Lower support base Ø 150 mm Upper head Ø 92 mm Rest of the heights: Lower support base Ø 160 mm Upper head Ø 140 mm
Heights	Minimum 100 mm Maximum 670 mm
Slopes	De 0 a 2 %



plots adjustables (plot n)

Туре	Adjustable
Compression resistance	2.800 kg/unit. aprox.
Dimensions	Lower support base Ø 205 mm Upper head Ø 150 mm
Heights	Minimum 30 mm Maximum 670 mm
Slopes	From flat to 3 %



plots non adjustables (basic plot)

Туре	No regulable - Apilable
Compression resistance	8.000 kg/unid.
Dimensions	100 x 100 mm y 115 mm de Ø
Heights	10 mm 15 mm 20 mm



end profile for RAFx

butech's top profile is a solution to hide the aesthetic inconvenience that occurs when a step has to be made with the Raised Floor. This profile, in addition to hiding the edge of the ceramic piece, allows us to anchor a vertical piece to the plot to hide the body of the plots .

Made of aluminum, and with a length of 1200mm, it can be used in thickened units (SAP: 100280081) with a 20mm depth, and in double-piece units (SAP: 100290783) with a 23mm depth. For a correct clamping of the vertical piece from its lower part, several units of the Lower Clip (SAP: 100253748) will be necessary.



Option valid only for plot n

end profile for RAFx

SAP

100280081 1200 mm thickened 100290783 1200 mm double-piece units

100253748 lower clip

vertical enclosure clip

These clips have two components: upper clip, fixed to the pedestal head, and lower clip, which goes on a previously cut pedestal base.

The perimeter panels are easily installed with these clips.

Only compatible with plot n



vertical enclosure clip

SA

100253729 vertical enclosure system

lower clip upper clip





Floating stairs

In architecture and in the construction sector in general, stairs are considered the main backbone of the room. It is a unique piece, both in its design and its functionality. Depending on the interior design, stairs can be subtly adapted to the interior design or highlight a specific area or element.

On the other hand, floating stairs expand the visual space and favour a better lighting of the environment.

A levitation effect is achieved where the steps, using the same units as the floor, rise through the space floating in the air.

Characteristics:

Customized steps are available, but the standard measurements are:

Length: 80 / 90 / 100 / 120 cm
Width: greater than or equal to 28 cm

• Thickness: greater than 9 cm

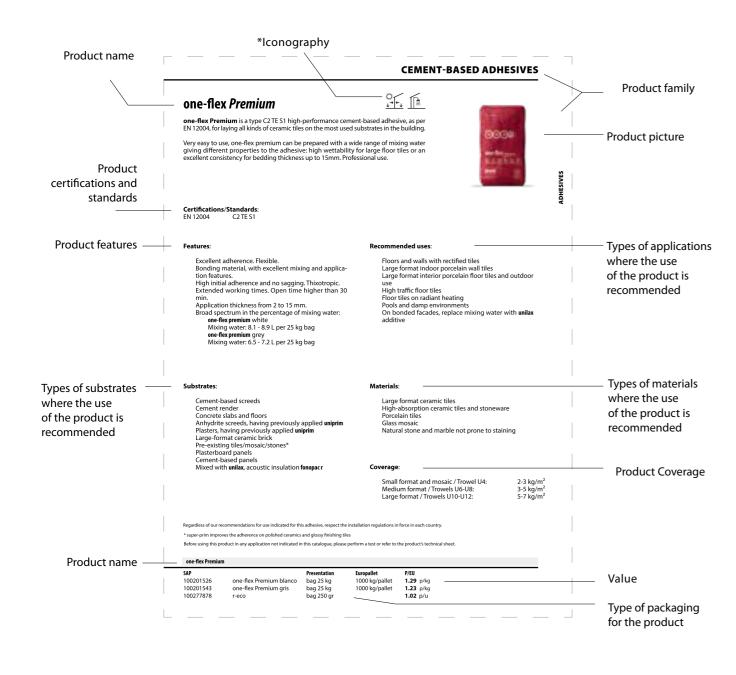
This system is designed to be used primarily indoors, but can be adapted to outdoor projects.

System elements:



- **1. Anchoring:** depends on the type of wall. Only available for concrete and metal beams.
- **2. Step core:** steel structure (S275) with lacquered finish and lateral reinforcement for fixing the handrail.
- **3. Adhesive:** reactive resin adhesive for fixing the box to the stair structure.
- **4. Step box:** OBS case covered with the PORCELANOSA Grupo flooring collection (EN 14411: 2012) chosen by the client. Supplied completely finished, ready to be installed.

For a correct fixation, the union of these three elements will be made with a two-component epoxy adhesive.



*Iconography

± Exterior floor

____ ↓ ↓
Interior floor

Interior wall





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