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.

PORCELANOSA Grupo

Corporate Social Responsibility

At Porcelanosa we use exclusively renewable energy, generating 30% of our energy ourselves. More than 90% of our lighting is LED efficient, and half of our facilities use natural light. We have electric vehicles and in 2021 we will reforest with 17,000 trees. We reuse, recycle or recover more than 95% of our waste, and we have reduced water consumption by 20% in the manufacture of coatings, using dry grinding and reusing 100% of waste water. Our collections include between 10% and 95% recycled material, with the Ecologic series standing out. We calculate and reduce our carbon footprint annually, promoting the circular economy and contributing to LEED, BREAM and GREEN certifications.

Enviromental commitment

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

PORCELANOSA eco

Index

PROFILES AND SKIRTINGS

LED PROFILES

Decorative profile. Luminescent range for ceramic coverings.

pro-light silver 7.5 mm

pro-light 7.5 mm

Anodized aluminium

pro-light black   100243703
21x7.5x2500 mm

pro-light silver   100243677
21x7.5x2500 mm

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

LED PROFILES

Luminescent range for ceramic coverings.

pro-light silver 11 mm

pro-light 11 mm

Anodized aluminium

26.6 mm
17.7 mm
11 mm
11.5 mm
8 mm
20.7 mm

pro-light silver 11mm   100202237
27x11x2500 mm

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

LED PROFILES

Decorative profile. Luminescent range for ceramic coverings.

pro-corner light

pro-corner light

Anodized aluminium

pro-corner light	100243678
16x16x2500 mm	

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

LED PROFILES

Decorative profile. Luminescent range for ceramic coverings.

pro-telo light

Anodized aluminium

pro-telo light black
15x12x3000 mm

100281601

pro-telo light silver
15x12x3000 mm

100281600

pro-telo light slim

Anodized aluminium

pro-telo light slim black
16x5.5x2500 mm

100328075

pro-telo light slim silver
16x5.5x2500 mm

100328096

pro-telo light slim silver

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

LED PROFILES

Decorative profile. Luminescent range for ceramic coverings.

pro-mate 45 TOP light

pro-mate 45 TOP light

Anodized aluminium

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

100243649

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

Decorative profile. Luminescent range for ceramic coverings.

pro-skirting LED

Anodized aluminium

pro-skirting LED black   100200414
13x60x2500 mm

pro-skirting LED corner black   100213201
13x60x5 mm

pro-skirting LED white   100200418
13x60x2500 mm

pro-skirting LED corner white   100213220
13x60x5 mm

pro-skirting LED silver   100200403
13x60x2500 mm

pro-skirting LED corner silver   100213154
13x60x5 mm

complements

diffuser pro-skirting LED   100232655
2500 mm

fixing clips pro-skirting LED   100193608
17x30 mm   50 ud

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

pro-skirting LED white

COB LED strip

Linear lighting system for profiles from the pro-light collection.
For pro-skirting LED, use a 5 mm wide LED strip.

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 3000ºK   100353220
2x5x2500 mm

COB LED strip IP20 4000ºK   100353222
2x5x2500 mm

COB LED strip IP20 6500ºK   100353223
2x5x2500 mm

Power	10 W/m	Lumens 3.000ºK	1029 Lm/m*
Voltage	24 V	Lumens 4.000ºK	1098 Lm/m*
Nº chips/m	384	Lumens 6.500ºK	1116 Lm/m*
PCB	5 mm	Light emission	180º

COB LED strip IP20 3000ºK   100298585
2x10x2500 mm

COB LED strip IP20 4000ºK   100298526
2x10x2500 mm

COB LED strip IP20 6500ºK   100298597
2x10x2500 mm

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

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

COB LED strip IP67

COB LED strip IP67 3000ºK   100298620
4,6x11,6x2500 mm

COB LED strip IP67 4000ºK   100298587
4,6x11,6x2500 mm

COB LED strip IP67 6500ºK   100298621
4,6x11,6x2500 mm

Power	15 W/m	Lumens 3.000ºK	1205 Lm/m*
Voltage	24 V	Lumens 4.000ºK	1216 Lm/m*
Nº chips/m	480	Lumens 6.500ºK	1210 Lm/m*
PCB	11,6 mm	Light emission	180º

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

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.

pro-light silver 11 mm

High-end decorative profile for ceramic wall tiling, made with Swarovski® crystals.

pro-part Li crystal SW galaxy

pro-part Li crystal SW galaxy

Chromed brass profile. Made with Swarovski® Elements

pro-part Li crystal galaxy 11 mm   100171653
12x11x2500 mm

pro-part Li crystal rock SW silver

Chromed brass profile. Made with Swarovski® Elements

pro-part Li Crystal rock SW silver 11mm   100130429
12x11x2500 mm

Not recommended for walls in direct contact with water.

High-end decorative profile for ceramic wall tiling, made with Swarovski® crystals.

pro-part crystal SW gold

24 k Gold plated. Made with Swarovski® Elements

pro-part crystal SW gold 11mm   100155354
8x11x2500 mm

pro-part crystal SW silver

Chromed brass profile. Made with Swarovski® Elements

pro-part crystal SW silver 11mm   100155356
8x11x2500 mm

pro-part crystal SW silver

Not recommended for walls in direct contact with water.

High-end decorative profile for wall tiles, 24K Gold plated.

pro-part Li gold

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

pro-part Li gold 11mm   100100726
12x11x2500 mm

pro-part Li gold 12,5mm   100100762
13,5x12,5x2500 mm

pro-part gold

24 carat Gold plated profile. 8 mm decorative trim.

pro-part gold 7mm   100246452
8x7x2500 mm

pro-part gold 9mm   100331779
8x9x2500 mm

pro-part gold 11mm   100100724
8x11x2500 mm

pro-part gold 12.5mm   100100725
8x12,5x2500 mm

pro-mate 5 gold

24 carat Gold plated profile. 5 mm decorative trim.

pro-mate 5 gold 11mm   100100721
5x11x2500 m

pro-mate 5 gold 12.5mm   100100722
5x12,5x2500 mm

pro-part gold

High-end decorative profile for wall tiles, 24K Gold plated.

pro-part gold

pro-part gold line

24 carat Gold plated profile. 8 mm decorative trim.

pro-part gold line 11mm
8x11x2500 mm

100339564

High-end decorative profile for wall tiles.

pro-living wall gold

Stainless steel profile.

pro-living wall gold 7mm 7x50x2700 mm	100357647
pro-living wall gold 12,5mm 12,5x50x2700 mm	100357650

pro-living corner gold

Stainless steel profile.

pro-living corner gold 7mm 7x20x2700 mm	100357653
pro-living corner gold 12,5mm 12,5x20x2700 mm	100357476

pro-living wall black

Stainless steel profile.

pro-living wall black 7mm 7x50x2700 mm	100357651
pro-living wall black 12,5mm 12,5x50x2700 mm	100357652

pro-living corner black

Stainless steel profile.

pro-living corner black 7mm 7x20x2700 mm	100357654
pro-living corner black 12,5mm 12,5x20x2700 mm	100357477

pro-living wall gold

TEXTURE COLLECTION

Decorative profiles in textured finishes for wall tiles.

pro-part caliza

pro-part caliza

Brass profile with a textured finish. 8 mm decorative trim.

pro-part caliza 9mm 8x9x2500 mm	100367299
pro-part caliza 11mm 8x11x2500 mm	100366191
pro-part caliza 12,5mm 8x12,5x2500 mm	100367379

Decorative profiles in textured finishes for wall tiles.

pro-part bone

pro-part bone

Brass profile with a textured finish. 8 mm decorative trim.

pro-part bone 7mm	100278708
8x7x2500 mm	
pro-part bone 11mm	100269007
8x11x2500 mm	
pro-part bone 12,5mm	100278730
8x12,5x2500 mm	

TEXTURE COLLECTION

Decorative profiles in textured finishes for wall tiles.

pro-part coal

Brass profile with a textured finish. 8 mm decorative trim.

pro-part coal 7mm 8x7x2500 mm	100278697
pro-part coal 9mm 8x9x2500 mm	100326478
pro-part coal 11mm 8x11x2500 mm	100269081
pro-part coal 12,5mm 8x12,5x2500 mm	100278751

pro-part coal

TEXTURE COLLECTION

Decorative profiles in textured finishes for wall tiles.

pro-part cast iron

pro-part cast iron

Brass profile with a textured finish. 8 mm decorative trim.

pro-part cast iron 7mm 8x7x2500 mm	100285068
pro-part cast iron 9mm 8x9x2500 mm	100326516
pro-part cast iron 11mm 8x11x2500 mm	100222994
pro-part cast iron 12,5mm 8x12,5x2500 mm	100278717

TEXTURE COLLECTION

Decorative profiles in textured finishes for wall tiles.

pro-part cast copper

Brass profile with a textured finish. 8 mm decorative trim.

pro-part cast copper 9mm 8x9x2500 mm	100326509
pro-part cast copper 11mm 8x11x2500 mm	100223015

pro-part cast copper

TEXTURE COLLECTION

Decorative profiles in textured finishes for wall tiles.

pro-part cement

pro-part cement

Brass profile with a textured finish. 8 mm decorative trim.

pro-part cement 9mm 8x9x2500 mm	100326530
pro-part cement 11mm 8x11x2500 mm	100226161

TEXTURE COLLECTION

Decorative profiles in textured finishes for wall tiles.

pro-part sand

pro-part sand

Brass profile with a textured finish. 8 mm decorative trim.

pro-part sand 9mm 8x9x2500 mm	100326531
pro-part sand 11mm 8x11x2500 mm	100226152
pro-part sand 12,5mm 8x12,5x2500 mm	100365069

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

pro-part copper

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

pro-part copper 9mm 8x9x2500 mm	100367427
pro-part copper 11mm 8x11x2500 mm	100367490
pro-part copper 12,5mm 8x12,5x2500 mm	100367428

pro-part copper line

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

pro-part copper line 9mm 8x9x2500 mm	100367491
pro-part copper line 11mm 8x11x2500 mm	100367468
pro-part copper line 12,5mm 8x12,5x2500 mm	100367469

pro-part copper

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

pro-part anthracite

pro-part anthracite

Brass profile with metallic covering. 8 mm decorative trim.

pro-part anthracite 11mm   100315557
8x11x2500mm

METAL COLLECTION

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

pro-part old iron

pro-part old iron

Brass profile with metallic covering. 8 mm decorative trim.

pro-part old iron 11mm   100189093
8x11x2500mm

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

pro-part old bronze

pro-part old bronze

Brass profile with metallic covering. 8 mm decorative trim.

pro-part old bronze 7mm   100278752
8x7x2500mm

pro-part old bronze 11mm   100189092
8x11x2500mm

pro-part old bronze 12,5mm   100243964
8x12,5x2500mm

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

pro-part moon

Brass profile with metallic covering. 8 mm decorative trim.

pro-part moon 7mm 8x7x2500m	100177056
pro-part moon 9mm 8x9x2500m	100332424
pro-part moon 11m 8x11x2500mm	100120369
pro-part moon 12,5mm 8x12,5x2500mm	100177071

pro-part moon line

Brass profile with metallic covering. 8 mm decorative trim.

pro-part moon line 7mm 8x7x2500mm	100177063
pro-part moon line 9mm 8x9x2500mm	100332740
pro-part moon line 11mm 8x11x2500mm	100158267
pro-part moon line 12,5mm 8x12,5x2500mm	100177080

pro-part moon line

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

pro-part graphite matt

Brass profile with metallic covering. 8 mm decorative trim.

pro-part graphite matt 7mm 100177037
8x7x2500 mm

pro-part graphite matt 9mm 100332398
8x9x2500 mm

pro-part graphite matt 11mm 100158266
8x11x2500 mm

pro-part graphite matt 12,5mm 100177053
8x12,5x2500 mm

pro-part graphite matt line

Brass profile with metallic covering. 8 mm decorative trim.

pro-part graphite matt line 7mm 100177055
8x7x2500 mm

pro-part graphite matt line 9mm 100332417
8x9x2500 mm

pro-part graphite matt line 11mm 100158265
8x11x2500 mm

pro-part graphite matt line 12,5mm 100177036
8x12,5x2500 mm

pro-part graphite matt line

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

pro-part graphite

Brass profile with metallic covering. 8 mm decorative trim.

pro-part graphite 7mm 8x7x2500 mm	100177049
pro-part graphite 9mm 8x9x2500 mm	100332386
pro-part graphite 11mm 8x11x2500 mm	100120366
pro-part graphite 12,5mm 8x12,5x2500 mm	100177035

pro-part graphite

METAL COLLECTION

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

pro-part line

Brass profile with metallic covering. 8 mm decorative trim.

pro-part line 7mm   100177061
8x7x2500 mm

pro-part line 11mm   100120367
8x11x2500 mm

pro-part line 12,5mm   100177058
8x12,5x2500 mm

pro-part line matt

Brass profile with metallic covering. 8 mm decorative trim.

pro-part line matt 7mm   100177062
8x7x2500 mm

pro-part line matt 11mm   100157798
8x11x2500 mm

pro-part line matt 12,5mm   100177059
8x12,5x2500 mm

pro-part line

Chromed brass decorative profile for wall tiles.

Typical LIFESTYLE by PORCELANOSA profile.

Suitable for trimming corners and transitions between ceramic tiles.

Floor and wall tile Floor and wall tile

pro-part

8 mm

pro-part corner | pro-part

Chromed brass			Chromed brass corner	
SAP		h (mm)	SAP	h (mm)
100005368		7	100005373	7
100177061	Line	7	100005374	9
100177062	Line matt	7	100091065	10
100005369		9	100005375	11
100088905		10	100005376	12,5
100005370		11		
100120367	Line	11		
100157798	Line matt	11		
100005371		12,5		
100177058	Line	12,5		
100177059	Line matt	12,5		

pro-mate 5

5 mm

pro-mate 5

Chromed brass	
SAP	h (mm)
100126779	7
100004945	9
100004946	11
100004955	12,5

pro-mate 3

3 mm

pro-mate 3

Chromed brass	
SAP	h (mm)
100126772	6
100004951	8
100004952	9
100004953	10
100004954	12,5

pro-part Li

a

pro-part Li corner | pro-part Li

Chromed brass			Chromed brass corner	
SAP	h (mm)	a (mm)	SAP	h (mm)
100126780	4,5	5,5	100098464	11
100070170	11	12	100085153	12,5
100070171	12,5	13,5		

pro-mate 45 TOP

pro-mate 45 top

Chromed brass	
SAP	h (mm)
100126778	6
100099965	10
100128801	12,5

pro-mate 45

pro-mate 45

Chromed brass	
SAP	h (mm)
100126776	6
100099963	10
100099964	12,5

Profile length: 2500 mm   Minimum packaging: 10 profiles

Profile length: 2500 mm   Minimum packaging: 10 profiles

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.

Wall tile   Wall tile

pro-telo stainless 8x40

pro-telo 8x40

Stainless Steel 8x40

SAP		h (mm)
100005299	Gloss	8

pro-telo stainless 8x25

pro-telo 8x25

Stainless Steel 8x25

SAP		h (mm)
100005293	Gloss	8

pro-telo aluminium 8x10

pro-telo Aluminium

Aluminium 8x10 silver

SAP		h (mm)
100005289	Gloss	8

pro-telo recto 8x10

pro-telo Recto

Aluminium 8x10

SAP		h (mm)
100084015	High gloss	8

Profile length: 2500 mm   Minimum packaging: 10 profiles

pro-telo coal 8x5

pro-telo coal

Aluminium 8x5

SAP		h (mm)
100365272	Coal	8

Profile length: 2700 mm   Minimum packaging: 10 profiles

CORNER PROFILES AND TRIMS FOR WALL TILES

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.

Wall tile corner

Floor and wall tile

2 mm

h

pro-mate 2

pro-mate 2

V2A Stainless steel

SAP	h (mm)
100126769	6
100004957	10
100004958	12,5
100004959	15
100004960	20

V2A Gloss stainless steel

SAP	h (mm)
100004967	10
100004968	12,5

V4A Stainless steel

SAP	h (mm)
100004964	10
100004965	12,5

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

3 mm

h

pro-mate 3

pro-mate 3

Chromed brass

SAP	h (mm)
100126772	6
100004951	8
100004952	9
100004953	10
100004954	12,5

3 mm

h

pro-mate 3

pro-mate 3

Anodized aluminium silver

SAP	h (mm)
100126770	6
100004899	8
100004900	9
100004901	10
100200608	11
100004902	12,5
100004903	15

3 mm

h

pro-mate 3

pro-mate 3

Lacquered aluminium

SAP		h (mm)
100126771	white	6
100004911	white	10
100004912	white	12,5
100004919	black	10
100004920	black	12,5

High gloss aluminum

SAP	h (mm)
100004925	10
100004926	12,5

PVC

SAP		h (mm)
100004865	white	10
100004873	white	12,5

Black aluminium

SAP	h (mm)
100220142	8
100171991	10
100220132	12,5

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.

Wall tile corner   Floor and wall tile

pro-mate 5

5 mm
h
pro-mate 5

Chromed brass

SAP	h (mm)
100126779	7
100004945	9
100004946	11
100004955	12,5

pro-mate 5

5 mm
h
pro-mate 5

Anodized aluminium silver

SAP	h (mm)
100004927	11

pro-mate 5

5 mm
h
pro-mate 5

Gloss polished brass

SAP	h (mm)
100004944	11

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.

Wall tile corner   Floor and wall tile

pro-part Li

pro-part Li corner   pro-part Li
a
h

Chromed brass

SAP	h (mm)	a (mm)
100126780	4,5	5,5
100070170	11	12
100070171	12,5	13,5

Chromed brass corner

SAP	h (mm)
100098464	11
100085153	12,5

pro-part Li

pro-part Li corner   pro-part Li
a
h

Anodized aluminium silver

SAP	h (mm)	a (mm)
100128227	4,5	5,5
100062074	11	12
100062086	12,5	13,5

Anodized aluminium silver corner

SAP	h (mm)
100093706	11
100093705	12,5

pro-part Li

pro-part Li corner   pro-part Li
a
h

High gloss aluminum

SAP	h (mm)	a (mm)
100062072	11	12
100062073	12,5	13,5

High gloss aluminum

SAP	h (mm)
100102763	11
100102762	12,5

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.

Wall tile corner   Floor and wall tile

pro-part

Chromed brass

SAP	h (mm)
100005368	7
100005369	9
100088905	10
100005370	11
100005371	12,5

Chromed brass corner

SAP	h (mm)
100005373	7
100005374	9
100091065	10
100005375	11
100005376	12,5

pro-part

Anodized aluminium silver

SAP	h (mm)
100005322	7
100005323	9
100005324	11
100005325	12,5
100005326	15

Anodized aluminium silver corner

SAP	h (mm)
100005336	7
100005337	9
100005338	11
100005339	12,5

pro-part

Lacquered aluminium

SAP		h (mm)
100088551	Black	11
100080530	Black	12,5
100100723	White	11
100083438	White	12,5

White matt aluminium

SAP	h (mm)
100332940	9
100296752	11
100286598	12,5

High gloss aluminum

KEA	SAP	h (mm)
100089004		11
100005353		12,5

Black matt aluminium

SAP	h (mm)
100220100	7
100325883	9
100171975	11
100220083	12,5

pro-part

Gloss polished gold brass

SAP	h (mm)
100005362	9
100005363	11
100005364	12,5

pro-part

Stainless natural steel

SAP	h (mm)
100005378	11
100005379	12,5

Stainless steel corner

SAP	h (mm)
100005380	9

Profile length: 2500 mm   Minimum packaging: 10 profiles

Profile length: 2500 mm   Minimum packaging: 10 profiles

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.

Wall tile corner

Wall tile corner

pro-mate 45 Top

pro-mate 45 Top

Chromed brass

SAP	h (mm)
100126778	6
100099965	10
100128801	12,5

Anodized aluminium silver

SAP	h (mm)
100126777	6

pro-mate 45 brass

pro-mate 45

Chromed brass

SAP	h (mm)
100126776	6
100099963	10
100099964	12,5

pro-mate 45 stainless steel

pro-mate 45 open

Stainless steel V2A

SAP	h (mm)
100005156	8
100005157	10
100005158	12,5

pro-mate 45 aluminio

pro-mate 45 closed

Anodized aluminium silver

SAP	h (mm)
100005094	10
100005096	12,5

Lacquered aluminium

SAP		h (mm)
100005113	White	10
100005117	White	12,5

High gloss aluminum

SAP	h (mm)
100096222	10
100100665	12,5

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.

Wall tile corner

Wall tile corner

pro-corner P

pro-corner P

Aluminium

SAP		h1 (mm)	h2 (mm)
100158002	Silver	15	12
100213125	Black	15	12

pro-corner R

pro-corner R

Gloss stainless steel

SAP	h (mm)
100005623	25

pro-corner B

pro-corner B

Aluminium

SAP	h (mm)
100005584	25

3 meter profiles

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

Wall tile corner

Wall tile

pro-mate 2

SAP		h (mm)
100276385	Inox V2A	11
100276386	Inox V2A	12,5

2 mm
pro-mate 2 h

pro-mate 3

SAP		h (mm)
100286309	Chrome	12,5
100276187	Alum. anod.	11
100276196	Alum. anod.	12,5
100286597	Alum. black	12,5

3 mm
pro-mate 3 h

pro-mate 5

SAP		h (mm)
100286603	Chrome	11

5 mm
pro-mate 5 h

pro-part

SAP		h (mm)
100286618	Chrome	11
100286360	Chrome	12,5

8 mm
pro-part h

Profile length: 3000 mm

Minimum packaging: 10 profiles

TECHNICAL PROFILES

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)
100005460	14
100005461	25

pro-T

Aluminium 7 mm

Anodized aluminium silver

SAP	h (mm)
100005452	14
100005453	25

pro-T

Stainless steel 7 mm

Gloss stainless steel

SAP	h (mm)
100005462	14
100005463	25

Brushed stainless steel

SAP	h (mm)
100005464	14
100005465	25

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.

Floor tile   Floor tile

pro-level C

pro-level C

Anodized aluminium silver

SAP	h (mm)
100005426	11
100005427	12,5

pro-level R

pro-level R

Anodized aluminium silver

SAP	h (mm)
100005428	11
100005429	12,5
100005430	15
100005431	20

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

pro-shower wall

pro-shower floor $h1$ $h2$

pro-shower floor

Chromed stainless steel				Brushed stainless steel			
SAP		h1 (mm)	h2 (mm)	SAP		h1 (mm)	h2 (mm)
100159068	Left side	12,5	24	100159067	Left side	12,5	32
100160219	Right side	12,5	24	100160218	Right side	12,5	32
100159069	Left side	12,5	32				
100160280	Right side	12,5	32				

Black lacquered stainless steel			
SAP		h1 (mm)	h2 (mm)
100350798	Left side	12,5	24
100350799	Right side	12,5	24
100350796	Left side	12,5	32
100350797	Right side	12,5	32

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

$h1$

pro-shower wall $h2$

pro-shower wall

Chromed stainless steel				Brushed stainless steel			
SAP		h1 (mm)	h2 (mm)	SAP		h1 (mm)	h2 (mm)
100159100	Left side	12,5	32	100159088	Left side	12,5	32
100160248	Right side	12,5	32	100160246	Right side	12,5	32

Black lacquered stainless steel			
SAP		h1 (mm)	h2 (mm)
100350800	Left side	12,5	32
100350801	Right side	12,5	32

Profile length h2=32	1480 mm

4.5 mm

h

pro-shower deco

Black lacquered stainless steel	
SAP	h (mm)
100350836	24
100350837	32
100350838	40

Profile length	1250 mm

Right hand pro-shower

Left hand pro-shower

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.

Floor covering trims

pro-sanit U1

pro-sanit U1 alu

High gloss aluminum	
SAP	h (mm)
100062075	16
100062076	22

Anodized aluminium silver	
SAP	h (mm)
100062077	16
100062078	22

Lacquered aluminium		
SAP		h (mm)
100062079	white	16
100062080	white	22

pro-sanit U2

pro-sanit U2 h

Stainless steel			Stainless steel corner		
SAP		h (mm)	SAP		h (mm)
100005566	Gloss	12,5	100005567	Gloss outer	12,5
100005569	Brushed	12,5	100005568	Gloss inner	12,5
			100005570	Brushed outer	12,5
			100005571	Brushed internal	12,5

pro-sanit U2

pro-sanit U2 h

PVC		
SAP		h (mm)
100005542	white	11 x 11

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

Minimum packaging: 10 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.

Floor tile

pro-dilata PVC

8 mm
pro-dilata CFL
h

CFL 8 mm

SAP		h (mm)
100005682	Beige	10
100005686	Beige	12,5
100005690	Beige	15
100005683	Black	10
100005687	Black	12,5
100005691	Black	15
100005684	Grey	10
100005688	Grey	12,5
100005692	Grey	15

pro-dilata PVC

5 mm
pro-dilata CFI
h

CFI 5 mm

SAP		h (mm)
100316178	Light grey	9
100159078	Light grey	11
100159080	Light grey	12,5
100316191	Grey	9
100159076	Grey	11
100159077	Grey	12,5
100316182	Black	9
100159081	Black	11
100159082	Black	12,5
100316183	Beige	9
100159074	Beige	11
100159075	Beige	12,5

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.

Floor tile

pro-dilata stainless steel

8 mm
CFM stainless steel
h

CFM 8 mm

SAP	h (mm)
100005714	10
100005715	12,5
100005716	15
100005717	20

pro-dilata stainless steel nc

11,6 mm
CFM stainless steel
15 mm

CFM 11,6 mm

SAP	h (mm)
100280152	15

pro-dilata aluminium

10 mm
CFM aluminum
h

CFM 10 mm

SAP	h (mm)
100005698	10
100005699	12,5
100005700	15
100005702	20

Profile length: 2500 mm

Minimum packaging: 10 profiles

Profile length: 2500 mm

Minimum packaging: 10 profiles

structural joints

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.

Floor tile

Floor tile

structural joints BT

34 mm

30 mm

h

structural joint BT

BT-34

SAP		h (mm)
100332105	Gris	22
100332093	Gris	40

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

structural joints AT

67-69 mm

50 mm

h

structural joint AT

AT-50

SAP	h (mm)
100324422	22
100324431	50

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.

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.

Step

Step

pro-step

pro-step M2

h

Stainless steel M2

SAP	h (mm)
100005523	11

pro-step

pro-step M1

h

Anodized aluminium silver M1

SAP	h (mm)
100005509	11
100067688	13,5

pro-step

35 mm

h

pro-step PVC 35

PVC 35

SAP		h (mm)
100005482	Grey	11
100367492	Black	11

BT profile length: 2500 mm

AT profile length: 2500 mm

Profile length: 2500 mm

Minimum packaging: 10 profiles

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

pro-skirting black

pro-skirting white

pro-skirting silver

pro-skirting black

pro-skirting black		pro-skirting corner black	
SAP		**SAP**	
100213522	12x60x2500 mm	100213153	12x60x12 mm
100225511	12x100x2500 mm	100236020	12x100x12 mm

pro-skirting white

pro-skirting white		pro-skirting corner white	
SAP		**SAP**	
100213533	12x60x2500 mm	100213200	12x60x12 mm
100225498	12x100x2500 mm	100235979	12x100x12 mm

pro-skirting silver

pro-skirting silver		pro-skirting corner silver	
SAP		**SAP**	
100213532	12x60x2500 mm		
100225479	12x100x2500 mm	100235986	12x100x12 mm

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

Profile length: 2500 mm

pro-skirting silver

97

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

10 mm

80 mm

pro-plint stainless steel

pro-plint stainless steel	
SAP	
100005635	brillante
100005636	cepillado

10 mm

80 mm

pro-plint anodized aluminium

pro-plint anodized aluminium			pro-plint corner anodized aluminium	
SAP			**SAP**	
100073104	Silver		100073105	Outer
			100073106	Internal

pro-plint lateral cap	
SAP	
100073107	Right
100073108	Left

pro-plint connection
SAP
100073109

pro-plint stainless steel

Profile length: 2500 mm

ADHESIVES

CEMENT-BASED ADHESIVES

ADDITIVES FOR CEMENT-BASED ADHESIVES

REACTIVE RESINS ADHESIVES

WATER-BASED ADHESIVES

POLYMER ADHESIVE

FAÇADE FIXINGS

ADHESIVES TABLES

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 medIum-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:　　　7,5 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.

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

Coverage:

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

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

SAP		Presentation	Europallet
100043280	tixocem blanco	bag 25 kg	1200 kg/pallet

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
　　　　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
• Uneven substrates
• High traffic floor tiles
• Damp environments
• On bonded facades and pools, replace mixing water with **unilax** additive
• For bonded façades, exterior porcelain paving, swimming pools, or underfloor heating, replace the 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

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/m^2
• Medium format / Trowels U6-U8:　　　3-5 kg/m^2
• Large format / Trowels U10-U12:　　　5-7 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.

fr-one n

SAP		Presentation	Europallet
100004241	fr-one n blanco	bag 25 kg	1000 kg/pallet
100004244	fr-one n gris	bag 25 kg	1000 kg/pallet

ADHESIVES

ADHESIVES

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   C2ES1
CSTB: 2456-222 MC 298   C2-S1-EG

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 min.
- 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*

Materials:

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

Coverage:

- Medium format / Trowels U6-U8:   4-6 kg/m^2
- Large format / Trowels U10-U12:   6-8 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			
SAP		**Presentation**	**Europallet**
100033113	maxifluid gris	bag 25 kg	1000 kg/pallet

---

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:
EN 12004   C2TES1
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 min.
- 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

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/m^2
- Medium format / Trowels U6-U8:   3-5 kg/m^2
- Large format / Trowels U10-U12:   5-7 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.

one-flex Premium			
SAP		**Presentation**	**Europallet**
100201526	one-flex Premium blanco	bag 25 kg	1000 kg/pallet
100201543	one-flex Premium gris	bag 25 kg	1000 kg/pallet

ADHESIVES

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

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 for white colour: 6.0 L per 25 kg bag
- Mixing water for grey colour: 5.5 L per 25 kg bag

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**.

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

Coverage:

- Small format and mosaic / Trowel U4:   2-3 kg/m^2
- Medium format / Trowels U6-U8:   3-5 kg/m^2
- Large format / Trowels U10-U12:   5-7 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 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			
SAP		**Presentation**	**Europallet**
100031188	super-one n blanco	bag 25 kg	1000 kg/pallet
100031189	super-one n gris	bag 25 kg	1000 kg/pallet

super-flex S2

super-flex S2 is a type C2ES2 high-performance 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 laying large format, thin porcelain tiles like XTONE and XLIGHT.

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

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:   2 kg/m^2
- Medium format / Trowels U6-U8:   2-4 kg/m^2
- Large format / Trowels U10-U12:   4-6 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

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**
100142757	super-flex S2 blanco	bag 15 kg	600 kg/pallet

unilax

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

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

Coverage:

- 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

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

unilax			
SAP		**Presentation**	**Europallet**
100004376	unilax	can 20 kg	560 kg/pallet

ADHESIVES

politech n

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 cement-based 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.
- Interior flooring of marble agglomerates.
- KRION sheets

Substrates:

- Cement-based screeds
- Cement render
- 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

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
- KRION and other kinds of solid surface
- Marble agglomerates.

Coverage:

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

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
100138260	politech n blanco	can 12 kg	576 kg/pallet

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 cement-based 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 cement-based 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 (indoor use)
- Marble agglomerates.

Coverage:

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

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
100217753	politech Premium	can 10 kg	330 kg/pallet

ADHESIVES

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.

Specially recommended for the installation of bonded flooring of Linkfloor by L'ANTIC COLONIAL and interior cladding of Undora by KRION.

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.

ADHESIVES

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.
- For Undora KRION interior cladding:
  - Cement mortar renders.
  - Concrete panels and plasterboard.
  - Existing ceramic coverings.
  - Chipboard and MDF boards.

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

Substrates:

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

Coverage:

- Approximately 125 gr/m^2

Approximate coverage according to laboratory tests.

Coverage:

Wall tiles with smooth and non-embossed backs	200 – 250 gr/m^2
Wall tiles with rough backs	200 – 250 gr/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.

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

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.

linkfloor fix

SAP		Presentation	Europallet
100243761	linkfloor fix	can 20 kg	640 kg/pallet

skins fix

SAP		Presentation	Europallet
100309616	skins fix	can 3 kg	378 kg/pallet

POLYMER ADHESIVE

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. Especially recommended for the installation of Alluslate KRION interior cladding. Professional use.

Features:

- Hybrid polymer suitable as both adhesive and sealant.
- Maximum flexibility
- High mechanical performance
- Great initial grip; rapid skin formation and final curing.
- 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

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.
- Alluslate KRION coatings

Coverage:

- Approximately 2 m²/cartridge

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 catalog, please perform a test or refer to the product's technical sheet.

h-920			
SAP		**Presentation**	**Packaging**
100292915	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**   **Type 5**

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	External Dimensions	Packaging
100005743	Middle clip I	Type 1	51,2mm x 20mm x 10mm	50 pcs bag
100005744	Middle clip A/T 4cm	Type 2	51,2mm x 20mm x 10mm	50 pcs bag
100005745	Middle clip A/T 8cm	Type 2	80mm x 20mm x 10mm	50 pcs bag
100315264	Staggered pattern clip	Type 5	51,2mm x 20mm x 10mm	50 pcs bag

* 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	External Dimensions
100110368	Middle clip I	Type 1	49,7mm x 20mm x 18mm
100110369	Middle clip A/T 4cm	Type 2	60mm x 20mm x 18mm

* Ask the butech sales team about the availability of lacquered finishes matching the tile chosen
** Plug and stainless steel screw not included

8.5 mm thick tiles and joints up to 7 mm
STON-KER L

SAP	Description	Clip type	External Dimensions
100315272	Middle clip I	Type 1	49,7mm x 20mm x 14,5mm
100315290	Middle clip A/T 4cm	Type 2	60mm x 20mm x 14,5mm

* Ask the butech sales team about the availability of lacquered finishes matching the tile chosen
** Plug and stainless steel screw not included

6 mm thick tiles and joints up to 7 mm
XTONE

SAP	Description	Clip type	External Dimensions
100315292	Middle clip I	Type 1	49,7mm x 20mm x 11,5mm
100315265	Middle clip A/T 4cm	Type 2	60mm x 20mm x 12mm

* Ask the butech sales team about the availability of lacquered finishes matching the tile chosen
** Includes stainless steel screw and plug for ceramic brick or concrete

ADHESIVES

Selection tables for adhesives

SELECTION OF ADHESIVE FOR RESIDENTIAL INDOOR FLOORING AND PUBLIC PEDESTRIAN PREMISES

Types of tiles (ISO 13006): BI_a / BI_b

Type of substrate	Length longest side of tile				
	≤ 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	C2S1		C2S2	
Concrete slab or floor	C1[2]/C2	C2	C2S1		C2S2
Pre-existing tiles/mosaic/stones		C2		C2S1	
Metal surfaces		R1		R2[3]	

[1] Previous priming with C adhesives.
[2] The reactive resin adhesive must be highly deformable.
[3] The reactive resin adhesive must be highly deformable.

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

Types of tiles (ISO 13006): BI_a / BI_b

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

[1] Previous priming with C adhesives.
[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.

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		R1[1]		R2[1]	

[1] 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.

Selection tables for adhesives

SELECTION OF ADHESIVE FOR INDOOR WALLS AND CEILINGS

Types of tiles (ISO 13006): BI_a

Type of substrate	Length longest side of tile				
	≤ 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 S2	
Gypsum-based plaster with radiant heating*	C1/D1	C1/C2	C2		C2 S1
Gypsum-based plaster without radiant heating*	C2/D1	C2 S1		C2 S2	
Large-format ceramic brick	C1/D1	C2	C2 S1		C2 S2
Concrete	C1[2]/C2/D1	C2	C2 S1		C2 S2
Pre-existing tiles/mosaic/stones		C2		C2 S1	C2 S2
Cement/fiber cement -based panels	C1/D1	C2		C2 S1	C2 S2
Large format ceramic brick	C1/D1	C1[2]/C2	C2		C2 S1
Wood surfaces	C2/D1/R1	C2 S1/R1[3]		R2[3]	
Metal surfaces		R1[3]		R2[3]	

[1] Previous priming with C adhesives.
[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.

SELECTION OF ADHESIVE FOR OUTDOOR WALLS AND CEILINGS

Types of tiles (ISO 13006): BI_a / BIII

Type of substrate	Length longest side of tile				
	≤ 300mm	≤ 600mm	≤ 900mm	≤ 1200mm	> 1200mm
Lime/cement-based plaster	C2[1]	C2 S1		C2 S2	
Concrete	C2 S1/D2[2]	C2 S2			
Cement/fiber cement -based panels	C2 S1/D2[2]	C2 S2			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.
[2] If the coverings are adequately protected from rain and frost.
[3] The reactive resin adhesive must be highly deformable.

SELECTION OF ADHESIVE FOR WALL COVERINGS AND FLOORING WITH CERAMIC PLATES

Types of tiles (ISO 13006): BIa

Type of substrate	No fiber		With fiber[1]	
	≤ 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 S2/R2[2]			
Cladding over waterproofing membranes or systems	**Given the variety of cases, follow the manufacturers' specifications**			
Highly deformable substrates	R2[3]			

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

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

SELECTION OF ADHESIVE FOR SWIMMING POOL LININGS

Type of support	Intermediate layers	≤ 50 mm	≤ 300 mm	> 300mm
		Length of the longest side of the piece in cm		
Reinforced concrete, shotcrete/ gunite, factory walls	Plastering/mortar leveling	C1	C2	C2 S1
	Cementitious liquid waterproofing	C2	C2	C2 S1
	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.
[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.
NOTE: In the case of pre-existing tiles, consult the manufacturer.

ADHESIVE COVERAGE (kg / m^2)	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 NOTCHED 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		x	x	x			
Wall tiles	333 x 592		x	x	x	x		
Wall tiles	333 x 1000		x	x	x	x	x	
Wall tiles	450 x 1200		x		x	x	x	
Wall tiles	596 x 1500		x		x	x	x	
PAR-KER	220 x 900		x		x	x		
PAR-KER	193 x 1200		x		x	x	x	x
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		x	x	x	x		
STON-KER	297 x 596		x	x	x	x		
STON-KER	400 x 800		x		x	x	x	x
STON-KER	596 x 596		x	x	x	x	x	x
STON-KER	800 x 800		x	x	x	x	x	x
STON-KER	596 x 1200		x			x	x	x
STON-KER	1200 x 1200		x			x	x	x
XLIGHT	1200 x 1200	x	x		x	x	x	
XLIGHT	1200 x 2700	x	x		x	x	x	
XTONE	1500 x 3000	x	x		x	x	x	
XTONE	1600 X 3200	x	x		x	x	x	
MOSAICS		x	x	x				
AIRSLATE	1200 x 2400		x	x				

x	Recommended trowel with standard conditions

* 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.

* 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.

ADHESIVES

GROUTING MATERIAL
AND ELASTIC SEALANTS

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 mm.
- 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:

- See the grouting materials table on page 136.

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 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 white: 1.7 L per 5 kg bag.
  colorstuk 0-4 N colour: 1.3 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 136.

Materials:

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

GROUTING MATERIAL AND ELASTIC SEALANTS

colorstuk rapid n					Presentation	Europallet
SAP						
100236463	blanco		100236464	manhattan	bag 5 kg	400 kg/pallet
100236794	marfil		100353481	iroko	bag 5 kg	400 kg/pallet
100275760	perla		100236449	cemento	bag 5 kg	400 kg/pallet
100236834	gris		100353482	elm	bag 5 kg	400 kg/pallet
100331788	caliza		100236809	marron	bag 5 kg	400 kg/pallet
100236808	beige		100236823	tabaco	bag 5 kg	400 kg/pallet
100353486	maple		100353485	doussie	bag 5 kg	400 kg/pallet
100236833	caramelo		100236824	moka	bag 5 kg	400 kg/pallet
100309550	oak		100236481	antracita	bag 5 kg	400 kg/pallet
100353487	beech		100236475	negro	bag 5 kg	400 kg/pallet
100353483	ash				bag 5 kg	400 kg/pallet

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 0-4 n			Presentation	Europallet
SAP				
100236442	blanco		bag 5 kg	400 kg/pallet
100275725	perla		bag 5 kg	400 kg/pallet
100236806	gris		bag 5 kg	400 kg/pallet
100236419	beige		bag 5 kg	400 kg/pallet
100236480	marfil		bag 5 kg	400 kg/pallet
100236446	marron		bag 5 kg	400 kg/pallet
100236807	moka		bag 5 kg	400 kg/pallet
100236461	manhattan		bag 5 kg	400 kg/pallet
100236462	cemento		bag 5 kg	400 kg/pallet
100236409	antracita		bag 5 kg	400 kg/pallet
100236472	negro		bag 5 kg	400 kg/pallet

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

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 136

Recommended uses:

- Tile joints up to 3 mm.
- Ceramic tiles with low hardness glaze as per Mohs scale.
- 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.
- Glass mosaic.
- Natural stone and marble not prone to staining.

colorstuk especial n			
SAP		**Presentation**	**Europallet**
100238236	white	bag 2 kg	432 kg/pallet
100238229	vainilla	bag 2 kg	432 kg/pallet
100204255	oak	bag 2 kg	432 kg/pallet
100204261	honey	bag 2 kg	432 kg/pallet
100243281	iroko	bag 2 kg	432 kg/pallet
100234451	elm	bag 2 kg	432 kg/pallet
100243271	maple	bag 2 kg	432 kg/pallet
100204254	beech	bag 2 kg	432 kg/pallet
100238261	moka	bag 2 kg	432 kg/pallet
100234433	wengue	bag 2 kg	432 kg/pallet
100204260	doussie	bag 2 kg	432 kg/pallet
100238235	nacare	bag 2 kg	432 kg/pallet
100238260	graphite	bag 2 kg	432 kg/pallet
100204245	ash	bag 2 kg	432 kg/pallet
100238251	dark	bag 2 kg	432 kg/pallet

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.

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.

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.

Coverage:

Product	%	Litres	Kg/bag
colorstuk 0-4 n white	34 %	1,7	5
colorstuk 0-4 n colour	26 %	1,3	5
colorstuk especial n	32.5 %	0,65	2

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.

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**
100004374	cl-stuk	can 2 kg	448 kg/pallet
100004375	cl-stuk	can 5 kg	480 kg/pallet

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

GROUTING MATERIAL AND ELASTIC SEALANTS

epotech aqua

epotech aqua, 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.

Certifications/Standards:
EN 13888   RG

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.

Substrates:

- All usual substrates for ceramic tiles laying.

Coverage:

- See the grouting materials table on page 136.

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.

epotech aqua				
SAP			Presentation	Europallet
100182223	blanco		can 1,5 kg	315 kg/pallet
100182217	marfil		can 1,5 kg	315 kg/pallet
100278474	tabaco		can 1,5 kg	315 kg/pallet
100182222	beige		can 1,5 kg	315 kg/pallet
100182208	gris		can 1,5 kg	315 kg/pallet
100278467	manhattan		can 1,5 kg	315 kg/pallet
100278329	cemento		can 1,5 kg	315 kg/pallet
100182213	antracita		can 1,5 kg	315 kg/pallet
100278500	negro		can 1,5 kg	315 kg/pallet

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.

epotech nature

epotech nature, 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.

Certifications/Standards:
EN 13888   RG

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 wood-inspired 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 laying ceramic tiles.

Coverage:

- See the grouting materials table on page 136.

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.

epotech nature				
SAP			Presentation	Europallet
100177504	ash		can 1,5 kg	315 kg/pallet
100177514	maple		can 1,5 kg	315 kg/pallet
100177494	beech		can 1,5 kg	315 kg/pallet
100204262	honey		can 1,5 kg	315 kg/pallet
100177484	oak		can 1,5 kg	315 kg/pallet
100177505	iroko		can 1,5 kg	315 kg/pallet
100177513	elm		can 1,5 kg	315 kg/pallet
100177512	doussie		can 1,5 kg	315 kg/pallet
100177485	wengue		can 1,5 kg	315 kg/pallet

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.

GROUTING MATERIAL AND 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.
• Rectified porcelain floor coverings.
• Technical porcelain floor coverings.

Substrates:

• All usual substrates for ceramic tiles laying.

Coverage:

• See the grouting materials table on page 136.

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.

epotech crystal		
SAP	**Presentation**	**Europallet**
100126899	can 3 kg	264 kg/pallet

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

Epoxy cleaning kit

Cleaning kit for epoxy joint remains before their final hardening.

It includes:
• 1 MMC handle epotech trowel
• 1 Epoxy sponge
• 1 Float for final cleaning + 3 scourers
• 1 200 ml epotech cleaner bottle

Epoxy cleaning kit
SAP
100113684

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**
100120428	bottle 500 ml

Epoxy sponge

Cellulose cleaning sponge for epoxy joints

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

Esponja epoxy
SAP
100085287

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

GROUTING MATERIAL AND ELASTIC SEALANTS

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.

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.

Substrates:

•   All usual substrates for ceramic tiles laying.

Materials:

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

Coverage:

•   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

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

s-107 n

SAP			Presentation	Packaging
100005814	blanco		cartridge 300 ml	25 ud/box
100005815	transparente		cartridge 300 ml	25 ud/box
100120621	marfil		cartridge 300 ml	25 ud/box
100120624	tabaco		cartridge 300 ml	25 ud/box
100367172	caliza		cartridge 300 ml	25 ud/box
100115950	beige		cartridge 300 ml	25 ud/box
100005816	gris		cartridge 300 ml	25 ud/box
100120620	cemento		cartridge 300 ml	25 ud/box
100120608	antracita		cartridge 300 ml	25 ud/box
100005817	negro		cartridge 300 ml	25 ud/box

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.

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 reticula 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 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.

Materials:

•   Ceramic tiles and glass mosaic.
•   Glass.
•   Metal.
•   Plastic material, PVC.
•   Concrete slabs.
•   Wood.

Coverage:

•   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

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

p-404

SAP		Presentation	Packaging
100005818	blanco	cartridge 300 ml	25 ud/box
100005819	gris	cartridge 300 ml	25 ud/box
100005820	negro	cartridge 300 ml	25 ud/box

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

GROUTING MATERIAL AND ELASTIC SEALANTS

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 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:

- 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.

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

5 mm H 22

2 mm H 22

5 mm

3 mm

2 mm

1 mm

0,5 mm

GROUTING MATERIAL AND ELASTIC SEALANTS

self-leveling spacers for tiles 6 to 15 mm thick

SAP		Presentation	Europallet
100108031	wedge	100 ud/bag	700 bags/pallet
100108032	wedge	300 ud/bag	240 bags/pallet
100095383	wedge	500 ud/bag	140 bags/pallet
100207811	0,5 mm spacer	100 ud/bag	600 bags/pallet
100207797	0,5 mm spacer	300 ud/bag	200 bags/pallet
100207740	0,5 mm spacer	500 ud/bag	120 bags/pallet
100108026	1 mm spacer	100 ud/bag	600 bags/pallet
100108027	1 mm spacer	300 ud/bag	200 bags/pallet
100108028	1 mm spacer	500 ud/bag	120 bags/pallet
100344039	2 mm spacer	100 ud/bag	600 bags/pallet
100344038	2 mm spacer	300 ud/bag	200 bags/pallet
100344037	2 mm spacer	500 ud/bag	120 bags/pallet
100109070	3 mm spacer	100 ud/bag	600 bags/pallet
100109071	3 mm spacer	300 ud/bag	200 bags/pallet
100109072	3 mm spacer	500 ud/bag	120 bags/pallet
100275166	5 mm spacer	100 ud/bag	600 bags/pallet
100275156	5 mm spacer	300 ud/bag	200 bags/pallet
100275138	5 mm spacer	500 ud/bag	120 bags/pallet

self-leveling spacers for tiles 16 to 22 mm thick

SAP		Presentation
100225039	2 mm spacer	100 ud/bag
100315637	5 mm spacer	100 ud/bag
100315638	5 mm spacer	300 ud/bag
100315639	5 mm spacer	500 ud/bag

complements

SAP		Presentation
100213808	0,5 mm spacer system kit	kit*
100108034	1 mm spacer system kit	kit*
100350100	2 mm spacer system kit	kit*
100109074	3 mm spacer system kit	kit*
100275157	5 mm spacer system kit	kit*
100123264	supplementary lift piece	50 ud/bag
100095386	adjustment tool	unit

*kit: 1 adjustment tool, 100 spacers and 100 wedges

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.

134

135

a x b	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	a x b	c	Spacers / m²	
cm	cm	cm x cm	mm	Aligned	Staggered 3/4
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	-
40	80	40 x 80	11	16	-
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	-
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	-

GROUTING MATERIAL AND ELASTIC SEALANTS

SUBSTRATE PREPARATION PRODUCTS

ELECTRIC RADIANT FLOOR HEATING

SELF-LEVELING MORTARS

PRIMERS

CLEANING PRODUCTS

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/m^2.

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/m^2
Voltage:	230 V – 50/60 Hz
Maximum charge:	16 Amp / 230 V max
Maximum temperature:	+ 40ºC

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

Installation:

- Choose the radiant Mat that suits the surface to be heated.
- In case of surfaces bigger than 10 m^2, connect Mates in parallel in a connection box.
- Do not connect Mates with a total surface bigger than 20 m^2 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.

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**
100232008	1 m^2 Mat	1 Mat/box
100232081	1.5 m^2 Mat	1 Mat/box
100232053	2 m^2 Mat	1 Mat/box
100232009	2.5 m^2 Mat	1 Mat/box
100232090	3 m^2 Mat	1 Mat/box
100232082	4 m^2 Mat	1 Mat/box
100232016	5 m^2 Mat	1 Mat/box
100232080	10 m^2 Mat	1 Mat/box
100305735	10GM Thermostat	1 thermostat/box

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

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.

Certifications/Standards:
EN 13813   CT-C25-F7

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.

Substrates:

- For cement-based, concrete or anhydrite substrates, first apply **uniprim**.
- For existing ceramic substrates, first apply **super-prim.**

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.

Coverage:

Substrate	Coverage
Self-leveling floors	1.4 kg per m^2 and thickness millimeter

level 1 pro			
SAP		**Presentation**	**Europallet**
100141151	level 1 pro	bag 25 kg	1000 kg/pallet

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

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 C25-F5

Features:

- Compressive strenght ≥ 25 N/mm^2
- Flexural strenght ≥ 5 N/mm^2
- Single-component, self-leveling mortar.
- 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:

- 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

level 3			
SAP		**Presentation**	**Europallet**
100104577	level 3	bag 25 kg	1000 kg/pallet

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

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
Non absorbent	200 - 250 gr/m²
Absorbent	250 -300 gr/m²

Coverage:

Substrate	Coverage
Anhydrite/plaster substrate	100 - 200 gr/m²

super-prim

SAP		Presentation	Europallet
100123220	super-prim	can 10 kg	640 kg/pallet

uniprim

SAP		Presentation	Europallet
100004384	uniprim	can 5 kg	480 kg/pallet
100004387	uniprim	can 20 kg	560 kg/pallet

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

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:

Dilution 1: 1 with clear water	90-100 gr / m^2
Dilution 1: 2 with clear water	45-50 gr / m^2

acid net 1L			
SAP		**Presentation**	**Box**
100120423	acid net	bottle 1L	12 bottles

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.

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**	**Box**
100120431	porce-clean	bottle 1L	12 bottles

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 .
• Cleaning of glazed substrates prior to laying new tiles.

basic gel 1L			
SAP		**Presentation**	**Box**
100120425	basic gel 1L	bottle 1L	12 bottles

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.

epotech cleaner

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 m^2/package
Tile	200 x 446 cm	30 m^2/package
Tile	316 x 596 cm	33 m^2/package
Tile	316 x 900 cm	37 m^2/package

epotech cleaner			
SAP		**Presentation**	**Box**
100120428	epotech cleaner	bottle 500 ml	20 bottles

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/m^2

non-slip tile			
SAP		**Presentation**	**Box**
100120430	non-slip tile	bottle 500 ml	20 bottles

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.

SUBSTRATE PREPARATION

SHOWER TRAYS AND WATERPROOFING

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 ºC
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 m^2
- 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

shower deck n

SAP		Presentation
100350281	700 x 700 x 30 mm	1 box
100350335	800 x 800 x 30 mm	1 box
100350336	800 x 938 x 30 mm	1 box
100350337	900 x 938 x 30 mm	1 box
100350338	1216 x 938 x 30 mm	1 box
100349341	Bespoke*	1 box

* Maximum shower tray dimensions 1.300 x 2.000 x 30 mm

drain

SAP	
250049620	non-return swd drain (By default)
250045810	horizontal swd drain (Compatible)
250049540	vertical horizontal swd drain (Compatible)
250049695	high flow swd drain + non-return valve (Compatible)

SHOWER TRAYS AND

shower line

Waterproofing and drainage system for custom shower bases with wall drainage, where water is evacuated through the open joint between flooring and ceramic tiling. This system is characterized by maximally concealing the shower drainage system while ensuring perfect waterproofing of walls and floors without interrupting the visual continuity of the ceramic covering.

Designed for bathrooms with dry walls, it can also be installed on brick partition walls. Professional use.

Does not include shower base waterproofing.

Materials:

- Non-slip Porcelain tiles.
- Glass mosaic.
- Natural stone.

Recommended use:

- Waterproofing of custom-built shower trays for residential use.

Components:

The **shower line** system consists of three elements: recessed drainage chamber, drain, and decorative grid.

- **Recessed drainage chamber:**
  Made of high-performance polyurethane, it includes internal slopes that direct water toward the drain. The interior is coated with fungicidal and antibacterial material to facilitate maintenance, accessible once the decorative grid is removed.

  To prevent water leaks, the entire perimeter of the lateral opening of the drainage chamber is sealed to an imperband eco sheet, a waterproof sheet compatible with ceramic tiles.

  The imperband eco perimeter sheet has a width of 20 cm on each side of the drainage chamber opening.

  The base of this part features dovetail grooves that make it easier to install with cement-based adhesives.

- **Drain:**
  Siphonic drain, convertible to non-siphonic, with a discharge speed of 0.55 l/second and a 40 mm outlet. Water reception surface: 31x298 mm.

- **Decorative grid:**
  Made of stainless steel AISI 304 with an electro-polished finish, designed to be tiled with ceramics. It connects to the drainage chamber through four stainless steel rods with a diameter of 5 mm.

shower line

SAP		Presentation
100347764	400 x 155 x 113 mm	1 box
100347762	600 x 155 x 113 mm	1 box
100353422	1000 x 155 x 113 mm	1 box

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: between 57 and 75 mm
    - Standard drain: between 77 and 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/m°K
- Flammability: EN 13501-1   E

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

3. Select type of drain:
- imperband eco kit
- Standard imperband eco kit.

4. Choose the shower tray among the available sizes.

SAP		
100350258	between 22 and 40mm	Bespoke

SCC

SCD

SLC

SLD

SHOWER TRAYS AND

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.

This kind of panel is available in thicknesses ranging from 4 to 80 mm and also in special precut boards that allow for a fast installation of curved shapes.

Fixing elements for concept xps panels

concept fastening

SAP		Presentation
100067686	45 mm metal fastening	50 ud/bag
100062773	130 mm plastic fastening	10 ud/bag
100062774	130 mm plastic fastening	50 ud/bag
100062775	80 mm plastic fastening	10 ud/bag
100062776	80 mm plastic fastening	50 ud/bag

Self-adhesive fiberglass mesh roll

SAP		Presentation
100062826	self-adhesive fiberglass mesh	Roll 20 m

Polyurethane putty

SAP		Presentation
100292915	h-920	290 ml
100031189	super-one gris	25kg

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. Specially recommended in refurbishing jobs.
- Bathroom countertops and vanities in permanently wet areas.
- 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.

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/mm^2
Tensile strength	EN 1607	0,50 N/mm^2
Adherence of the protection		> 2,0 Kg/cm^2
Resistance to eccentric load		> 10,0 Kg/cm^2
Water absorption		< 1,0 Kg/m^2
Thermal conductivity	EN 13164	0,034 W/m.k (30-60 mm)
		0,036 W/m.k (> 60 mm)
Working temperature range		-50 ºC / +75 ºC
Tolerances		Length: +/- 5 mm
		Width: +/- 3 mm
		Thickness: +/- 2 mm
		Squareness: < 2 mm/m.l.
Fire resistance	DIN 4102-1	B s1-d0

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.

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.

concept xps panels

SAP		ud./pallet
100103351	4 mm 1250 x 600	300
100103352	6 mm 1250 x 600	280
100103349	10 mm 2500 x 600	225
100103350	20 mm 2500 x 600	111
100103354	30 mm 2500 x 600	80
100103355	50 mm 2500 x 600	45
100103356	80 mm 2500 x 600	31

SHOWER TRAYS AND

XPS Modular Niches

Prefabricated modules for the creation of niches in bathrooms and wet areas for shampoo or shower gel.

Made from concept panels with a waterproof XPS foam core and perimeter-sealed with a waterproof sheet, they are easy to install quickly and precisely, without the need for "in situ" construction. With Butech's **XPS modular niches**, shelves and all kinds of spaces can be created in shower cabins and bathrooms, protected against water infiltration and ready to be finished with mosaic or ceramic coverings. Suitable for both public and private use.

Butech's **XPS modular niches**, are suitable for installation on brick and concrete block walls as well as drywalls, where studs may need to be installed to secure these modules. In all cases, **XPS modular niches**, will be perfectly adhered with adhesive or mechanically anchored to a weight-resistant support used in the niches. Thanks to the waterproof sheet factory-mounted around the niche's 10 cm perimeter, secure sealing of joints between the niche and the wall is guaranteed.

Features:

- Made of extruded polystyrene panels coated on both sides with waterproof cement mortar.
- 10 cm wide waterproof perimeter ensures the sealing of joints between niche and wall.
- Non-absorbent material, its structure prevents water accumulation. Resistant to moisture.
- Fire-resistant material: Class E.
- Excellent surface for placing ceramics, compatible with cement-based adhesives.
- Easy and quick installation.

Recommended applications:

- Interior wall decoration covered with ceramic tiles or natural stone mosaics in direct contact with water.
- Interior wall decoration.
- Bathrooms and shower cabins.
- Spas and wet areas in general.

Supports:

- Ceramic brick partitions and concrete block walls.
- Drywall over battens with gypsum board and cement board panels.

Materials:

- All types of ceramic tiles.
- Mosaics.
- Natural stones.
- Plaster finishes and cement mortars.

XPS Modular Niches

SAP		Presentation
100362819	40 x 20 cm	1u./box
100362784	40 x 30 cm	1u./box
100362796	40 x 40 cm	1u./box
100362798	40 x 50 cm	1u./box
100367184	Bespoke	1u./box

SHOWER TRAYS AND

imperband eco standard kit

The **imperband eco standard 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 **imperband eco** is an waterproof sheet type eco-friendly with 70% recycled material 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 drain stands out for its compact design and its versatility in outlet connection options.

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

Features:

- Maximum security, it eliminates leakage risks between waterproof sheet and drain piece.
- eco-friendly with 70% recycled material 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.
- Quick and easy application.

Recommended use:

- Specially designed for waterproofing built in showers.

Materials:

- Non-slip Porcelain tiles.
- 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 eco** sheet.

imperband standard kit & eco standard			
SAP		Presentation	
100103360	Kit 150 x 225 cm	1ud/box	kit standard (while supplies last)
100365420	Kit 150 x 225 cm	1ud/box	kit eco standard

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 eco kit

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

The **imperband eco** is an waterproof sheet type eco-friendly with 70% recycled material 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.
- eco-friendly with 70% recycled material 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.
- 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:

- Connect the drain of the **Imperband eco kit** and check that the drainage works correctly.
- Prepare the base with slopes toward the channel of the shower tray grate.
- Connect the waterproof sheet ring to the drain of the **Imperband eco kit** and adhere it to the base and perimeter walls of the shower tray.
- Install the grate channel and fix ceramic tiles, mosaics, or natural stone to the shower tray.
- Place the decorative grate.

imperband eco & refurbishing kit n			
SAP		Presentation	
100187047	Kit 150 x 225 cm	1ud/box	refurbishing kit n (while supplies last)
100365410	Kit 150 x 225 cm	1ud/box	imperband eco kit

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

SHOWER TRAYS AND

linear grates

glass black

SAP		Presentation
100141153	93 x 596 mm	1ud/box

ceramic framed

SAP		Presentation
100148593	93 x 596 mm	1ud/box
100148595	93 x 800 mm	1ud/box
100148594	93 x 1200 mm	1ud/box

Includes drainage channel and grate.

linear grates

black

SAP		Presentation
100278946	93 x 596 mm	1ud/box

chrome

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

texture

SAP		Presentation
100103368	93 x 596 mm	1ud/box
100103369	93 x 800 mm	1ud/box
100103367	93 x 1200 mm	1ud/box

Includes drainage channel and grate.

SHOWER TRAYS AND

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.

squared

SAP		Presentation
100103371	93 x 596 mm	1ud/box
100103372	93 x 800 mm	1ud/box
100103370	93 x 1200 mm	1ud/box

line

SAP		Presentation
100103374	93 x 596 mm	1ud/box
100103375	93 x 800 mm	1ud/box
100103373	93 x 1200 mm	1ud/box

square grates

standard n squared

SAP	Presentation
100148572	1ud/box

square chrome

SAP	Presentation
100293010	1ud/box

square texture-revestible

SAP	Presentation
100344172	1ud/box

square texture-revestible black

SAP	Presentation
100366051	1ud/box

Tile not included in the grate.

Tile not included in the grate.

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.

All references include drain 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.

SHOWER TRAYS AND

eco linear grates kit

texture-revestible

SAP		Presentation
100338557	600 x 60 mm	1ud/box
100338558	800 x 60 mm	1ud/box
100333806	1200 x 60 mm	1ud/box
100333807	1500 x 60 mm	1ud/box
100333778	1800 x 60 mm	1ud/box

chrome

SAP		Presentation
100338199	600 x 60 mm	1ud/box
100338220	800 x 60 mm	1ud/box
100338224	1200 x 60 mm	1ud/box

square

SAP		Presentation
100338186	600 x 60 mm	1ud/box
100338223	800 x 60 mm	1ud/box
100338189	1200 x 60 mm	1ud/box

eco linear grates kit

matt black

SAP		Presentation
100338185	600 x 60 mm	1ud/box
100338221	800 x 60 mm	1ud/box
100338188	1200 x 60 mm	1ud/box

line n

SAP		Presentation
100338184	600 x 60 mm	1ud/box
100338214	800 x 60 mm	1ud/box
100338216	1200 x 60 mm	1ud/box

Eco linear grate kit

Components

1. Drain
2. imperband eco membrane heat-sealed to the drain cover
3. Protective cap
4. Bindings for the grate
5. Adapter
6. Reducer 50/40
7. Channel
8. Hair catcher
9. Grate

SHOWER TRAYS AND

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.

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
- One-layer application   1.5 kg / m²

Waterproofing
- Two-layer application   3.6 kg / m²

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.

imperbox			
SAP		**Presentation**	
100006223	imperbox manhattan	10 Kg can	450 Kg/pallet
100006210	outer angle	unit	
100006211	inner angle	unit	
100081531	10 ml waterproof band	Roll 10 m	
100006221	50 ml waterproof band	Roll 50 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.

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

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.

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

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:
  - First layer: > 2 Kg / m²
  - Second layer: > 1 Kg / m²
  - Total waterproofing: > 3 Kg / m²
- Sylastic Premium total minimum thickness: 2mm
- Coverage per millimetre of thickness of sylastic Premium: 1,5 Kg/m²

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

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		**Presentation**	
100316193	sylastic Premium	15 Kg bag	630 Kg/pallet
100288372	50 m fiberglass mesh	50 m² roll	
100006210	outer angle	unit	
100006211	inner angle	unit	
100081531	10 ml waterproof band	10 m roll	
100006221	50 ml waterproof band	50 m roll	

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

SHOWER TRAYS AND

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.

70 %

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 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.

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 wall.
- 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

SHOWER TRAYS AND

imperband eco

SAP		Presentation	
100337140	imperband eco	roll 30 m²	720 m²/pallet
100337121	imperband eco	roll 5 m²	480 m²/pallet

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 cm wide tile pieces. Professional system.

Features:

- 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

Materials:

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

Supports:

- Cement mortar screeds

pool-deck complements

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.

SHOWER TRAYS AND WATERPROOFING

pool-deck 19.3 cm

SAP	
100284673	pool-deck channel 19,3x95
100284644	pool-deck adjustment channel 19,3x15
100284664	pool-deck adjustment channel 19,3x25
100284674	pool-deck adjustment channel 19,3x35
100284675	pool-deck adjustment channel 19,3x45
100284646	pool-deck adjustment channel 19,3x55
100284653	pool-deck adjustment channel 19,3x65
100284676	pool-deck adjustment channel 19,3x75
100284638	pool-deck adjustment channel 19,3x85
100284637	pool-deck drain 19,3x23,9
100284663	pool-deck corner 19,3x21,7
100284670	pool-deck corner drain ext 19,3x21,7
100320040	pool-deck corner drain int 19,3x21,7
100284654	pool-deck side 19,3x6,5 male
100289037	pool-deck side 19,3x6,5 female

terrace drain

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 complements

Terrace drain connection:

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

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.
- 143 x 143 mm steel grating.

Terrace drain		
SAP		**Presentation**
100005827	75/110 vertical drain	1 ud/box
100005829	floor drain connection	1 ud/box

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

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.

bath drain		
SAP		**Presentation**
100005822	40/50 horizontal drain	1 ud/box
100005823	50 vertical drain	1 ud/box
100005825	bathroom drain connection	1 ud/box

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

SHOWER TRAYS AND

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.

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 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 floor renovations

- We do not recommend the use of Butech anti-cracking mat in:
     - Walls
     - Supports exposed to bending movements
     - On structural joints or movement joints of the support

Butech anti-cracking mat

SAP		Presentación
100227223	Roll 15 m²	450 m² / pallet

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

178

lamitech n

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:

- 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.

Installation:

- **lamitech n** sheet is compatible with type C2 cement-based 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.

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.

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	
100286750	lamitech n	5 m roll	150 m²/pallet
100288347	lami-band 200 mm	30 m roll	
100006221	50 ml waterproof band	50 m roll	
100316193	sylastic Premium	15 Kg bag	

SHOWER TRAYS AND

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

179

SYSTEMS

T H I C K E R 2 0 MM

PLOTS AND RAFx ACCESSORIES

FLOATING STAIRS

Image: Santatecla Arquitectos

Bottega caliza

bottega caliza antislip

59,6 x 59,6 x 2 cm	100285287
90 x 90 x 2 cm	100368869
60 x 120 x 2 cm	100323742
120 x 120 x 2 cm	100350765

Recommended joint: **colorstuk rapid n perla** 100275760

Bottega acero

bottega acero antislip

59,6 x 59,6 x 2 cm	100285276
90 x 90 x 2 cm	100368873
60 x 120 x 2 cm	100323637
120 x 120 x 2 cm	100350766

Recommended joint: **colorstuk rapid n manhattan** 100236464

Adhesive: **super-flex S2** 100142757

59,6 x 59,6 cm: 2 pz/cj - 0,71 m^2/cj - 22,73 m^2/pal
60 x 120 cm: 1 pz/cj - 0,72 m^2/cj - 19,44 m^2/pal
120 x 120 cm: 1pz/cj - 1,44 m^2/cj - 25,92 m^2/pal

Includes 20mm tile, plots and installation accessories.

Durango bone

Durango bone antislip
59,6 x 59,6 x 2 cm   100308829
120 x 120 x 2 cm   100350772

Recommended joint: **colorstuk especial n nacaré** 100238235

Durango acero

Durango acero antislip
59,6 x 59,6 x 2 cm   100308870
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

Includes 20mm tile, plots and installation accessories.

Coral caliza

Coral caliza antislip
120 x 120 x 2 cm   100350773

Recommended joint: **colorstuk rapid n marfil** 100236794
                          colorstuk rapid n beige 100236808

Adhesive: **super-flex S2** 100142757
120 x 120 cm: 1pz/cj - 1,44 m²/cj - 25,92 m²/pal

Includes 20mm tile, plots and installation accessories.

Image: E2B ARQUITECTOS

Berna acero

Berna acero antislip

59,6 x 59,6 x 2 cm	100308856
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

Includes 20mm tile, plots and installation accessories.

Image: Jess Blackwell

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

Includes 20mm tile, plots and installation accessories.

Rox coal

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

Recommended joint: **colorstuk rapid n manhattan** 100236464

Rox grey

Rox grey antislip   100162534
59,6 x 59,6 x 2 cm

Recommended joint: **colorstuk rapid n gris**   100236834
epotech nature ash   100177504

Rox beige

Rox beige antislip   100162750
59,6 x 59,6 x 2 cm

Recommended joint: **epotech nature maple** 100177514
epotech nature oak   100177484

Adhesive: **super-flex S2** 100142757
Packaging: 2 units/box - 0,732 m²/box - 21,96 m²/pallet

Includes 20mm tile, plots and installation accessories.

Image: LA DEXON PHOTOGRAPHIE

Riven white

Riven white antislip   100229792
29,5 x 120 x 2cm

Recommended joint: colorstuk rapid n gris 100236834

Riven cream

Riven cream antislip   100229737
29,5 x 120 x 2cm

Recommended joint: colorstuk rapid n beige 100236808
                            colorstuk rapid n gris   100236834

Riven brown

Riven brown antislip   100229775
29,5 x 120 x 2cm

Recommended joint: colorstuk rapid n manhattan 100236464

Adhesive: super-flex S2 100142757
Packaging: 2 units/box - 0,708 m²/box - 22,66 m²/pallet

Includes 20mm tile, plots and installation accessories.

Tanzania white

Tanzania white antislip   100323793
29,5 x 120 x 2 cm

Recommended joint: **colorstuk rapid n ash** 100204245

Tanzania silver

Tanzania silver antislip   100323767
29,5 x 120 x 2 cm

Recommended joint: **colorstuk especial n ash** 100204245

Tanzania nut

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

Recommended joint: **colorstuk especial oak** 100204255

Adhesive: **super-flex S2** 100142757
Packaging: 2 units/box - 0,708 m²/box - 22,66 m²/pallet

Includes 20mm tile, plots and installation accessories.

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

Includes 20mm tile, plots and installation accessories.

plots adjustables (normal plot)

Type	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)

Type	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)

Type	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)

Type	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

SAP	
100253729	vertical enclosure system lower clip upper clip

Coping piece

These steps stand out for their straight design on the front and their uniform, modern appearance, where the front's tone matches that of the tread surface. For increased durability, the connection between the tread and the front includes a micro-bevel that minimizes the risk of impact damage.

The mitered design between the tread and riser creates a defined, clean angle, which also allows for the riser's dimensions to be adjusted according to specific needs.

The custom-made L-shaped solid piece offers a unique, seamless finish for any required termination.

Its most common use is in finishing Outdoor Raised Floors, stairs, and pool edges.

H = Height*
W = Width*
L = Length*

Coping piece	
SAP	
100333194	Coping piece

* Custom dimensions

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   2   3   4

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. h-920: A High-Performance Adhesive and Sealant Based on Hybrid Polymer Technology.

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.

Product name

*Iconography

CEMENT-BASED ADHESIVES

Product family

one-flex *Premium*

one-flex Premium is a type C2 TE S1 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.

Product picture

Product certifications and standards

Certifications/Standards:
EN 12004   C2 TE S1

ADHESIVES

Product features

Features:

Excellent adherence. Flexible.
Bonding material, with excellent mixing and applica-tion features.
High initial adherence and no sagging. Thixotropic.
Extended working times. Open time higher than 30 min.
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 interior porcelain floor tiles and outdoor use
High traffic floor tiles
Floor tiles on radiant heating
Pools and damp environments
On bonded facades, replace mixing water with **unilax** additive

Types of applications where the use of the product is recommended

Types of substrates where the use of the product is recommended

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 **fonopac r**

Materials:

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

Types of materials where the use of the product is recommended

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

Product Coverage

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.

Product name

one-flex Premium			
SAP		**Presentation**	**Europallet**
100201526	one-flex Premium blanco	bag 25 kg	1000 kg/pallet
100201543	one-flex Premium gris	bag 25 kg	1000 kg/pallet
100277878	r-eco	bag 250 gr	

Type of packaging for the product

*Iconography

Exterior floor	Exterior wall	Shower area	Interior floor	Interior wall

butech

PORCELANOSA Grupo

www.butech.es