

Materials table butech

	SAP	Product description	Packaging	Coverage* 44 x 44 cm	59,6 x 59,6 cm
	100201544	one-flex pro blanco	25 kg bag	6 kg/m²	6 kg/m²
	100201689	one-flex pro gris	25 kg bag	6 kg/m²	6 kg/m²
	100109073	leveling spacers kit 2 mm	Complete kit	20 unit/m²	18 unit/m²
Each kit includes 100 separators, 100 spacers, and assembly pliers					
	100004294	colorstuk rapid blanco n	5 kg bag	120 g/m²	105 g/m²
	100004305	colorstuk rapid gris n	5 kg bag	120 g/m²	105 g/m²
	100004295	colorstuk rapid manhattan n	5 kg bag	120 g/m²	105 g/m²
	100004297	colorstuk rapid cemento n	5 kg bag	120 g/m²	105 g/m²
	100004298	colorstuk rapid antracita n	5 kg bag	120 g/m²	105 g/m²
	100004299	colorstuk rapid negro n	5 kg bag	120 g/m²	105 g/m²
	100004300	colorstuk rapid caramelo n	5 kg bag	120 g/m²	105 g/m²
	100004302	colorstuk rapid marfil n	5 kg bag	120 g/m²	105 g/m²
	100004303	colorstuk rapid marrón n	5 kg bag	120 g/m²	105 g/m²
	100004304	colorstuk rapid tabaco n	5 kg bag	120 g/m²	105 g/m²
	100060549	colorstuk rapid moka n	5 kg bag	120 g/m²	105 g/m²
	100004308	colorstuk rapid beige n	5 kg bag	120 g/m²	105 g/m²
	100227223	anti-cracking mat	15 m²		
	100005814	s-107 n blanco	300 ml cartridge	70 m/cartridge	70 m/cartridge
	100005815	s-107 n transparente	300 ml cartridge	70 m/cartridge	70 m/cartridge
	100005816	s-107 n gris	300 ml cartridge	70 m/cartridge	70 m/cartridge

* **Conditions:**
Laboratory obtained data. They may vary depending on the state of the base and the placement conditions.

Adhesive layer thickness 4.5 – 5.5 mm.

Tiling joint width 2 mm.

Consumer information
Technical guide



Indoor floors



Further information:
Carretera Vila-real - Puebla de Arenoso (CV-20) km 2,5
12540 Vila-real, Castellón, Spain

Telephone (+34) 964 53 62 00

<http://www.butech.es>
butech@butech.es

PORCELANOSA Grupo





1. General recommendations.

Laying large format ceramic in flooring requires qualified personnel. It is only recommended to use professionals with proven experience in this type of work.

Check the information in data sheets or packaging before using any product. Follow the manufacturer's recommendations. Using the appropriate tools for each type of work is essential.

Comply with occupational safety regulations.



2. Floor design.

Placement joints shall be of at least 2 mm. The use of **self-leveling spacers** that facilitate floor leveling is recommended.

Carry out the construction layout depending both on the floor design and the use demands. Determine type and color of placement joints, cuts, and movement joints.

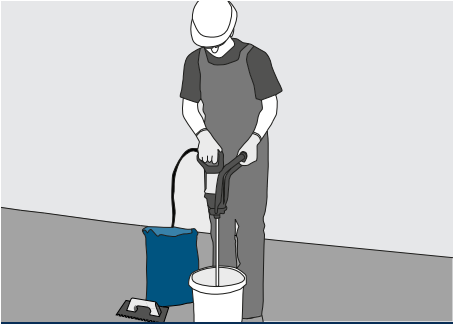
Determine the type of skirting to use.



3. Preparing the substrate.

Check that the base or placement substrate is stable, non-deformable, and with no risk of movements associated to the cement mortar curing.

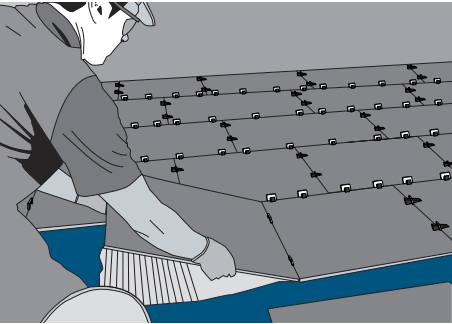
It is recommended to make a regularization layer. The placement surface must meet the suitable characteristics for placing ceramic: clean surface, dry, rough texture, non-crumbling, and above all flat. To avoid breakage or lifting of tiles, the use of desolarizing sheets, such as butech anti-cracking mat, is recommended.



4. Bonding material.

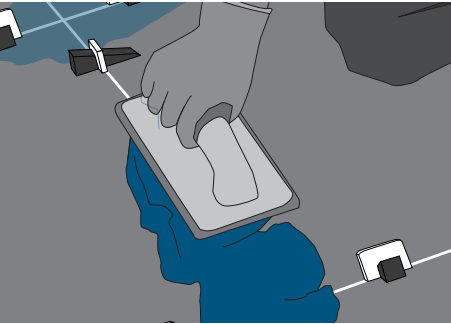
Use improved deformable cement-based adhesives C2 S1, **one-flex pro** type. The use of cement-based adhesives with adequate performance and working times for large format tiles is recommended.

Follow manufacturer recommendations in the preparation and use of adhesives. Do not apply adhesive with a final thickness greater than that indicated on the bag. With XTONE type ceramic laminates and large format ceramic tiles, use improved highly deformable cementitious adhesives C2 S2, type super-flex S2.



5. Placement technique.

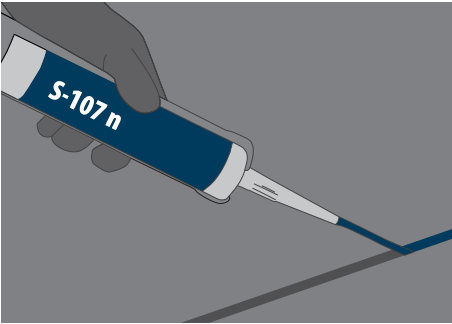
Lay the flooring using the back butter method, spreading the adhesive over the entire laying surface with the notched trowel on one side and spreading the adhesive on the back of the tile with the smooth side of the trowel on the other side. Verify that there is full contact between the adhesive and the piece base. It is recommended to carry out double gluing of the tiles. Control the adhesive wettability, pressing the ceramic on the bonding material, and check that the latter makes correct contact with the tile back.



6. Joint material.

Use deformable, CG2 cement-based joint materials, **colorstuk rapid** type. The use of aluminous type, water resistant, and reduced elastic modulus joint mortars is recommended.

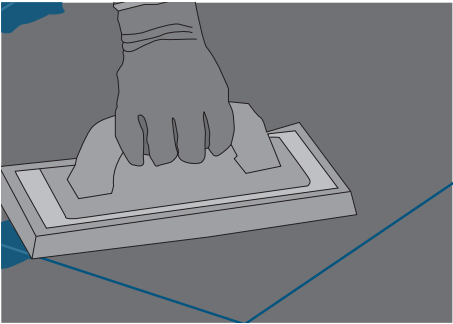
Apply the joint material with a rubber trowel, avoiding the formation of bubbles, cracks, or gaps. Do not let the joint material harden on the ceramic; clean when it starts to dry. Do not soak the joint with excess water.



7. Movement joints.

Heed the structural joints present in floor slabs. Make the movement joints following the instructions of the construction technician. In general, do not design areas exceeding 40-50 m². The use of deformable profiles is recommended, **pro-dilata** type, suitable for the intended traffic. Minimum joint width: 8 mm.

There will be perimeter joints in corners, floor level changes, and height differences in material changes. Minimum joint width: 8 mm.



8. Cleaning and maintenance.

Protect the floor against premature loads and other construction works.

Use cleaning products that are compatible with the tile's chemical resistance. As a general rule, acid detergents are recommended for cleaning cement stains.

Use neutral detergents for maintaining the ceramic floor. Use special products for cleaning and maintaining the joints.

Recommended materials.

one-flex pro

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 industry.

Characteristics:

Fluid adhesive; covers fully the underside of tiles without having to resort to the floating and buttering method. Excellent adherence, greater than 10 kg/cm². Laying thickness up to 10 mm.

Certifications/Standards:

Avis technique: CSTB 2418-222 MC 517
EN 12004 C2 TE S1



spacers available

System consisting of adjusting tool, wedge, and new type of spacer that anchors adjacent tiles at the same level. It eases ceramic tile laying and guarantees a perfectly flat surface of the final floor.

Characteristics

It avoids ledges between tiles. Prevents tiles from moving due to laying errors or due to adhesive retraction. Available for 0.5, 1, 2, 3 and 5 mm wide joints.

Recommended use:

Rectified tiles with minimum joint. Large format floor tiles. Ceramic laminates such as XTONE.



colorstuk rapid

Line of type CG 2 technical mortars for sealing joints, suitable for all ceramic tile types. They are easy to apply, resistant, and have a color stable joint. Fine grained joint material, suitable for sealing joints from 1 to 15 mm.

Characteristics

Excellent adherence and deformability without the need for additives. Good resistance to abrasion. Waterproof and anti-fungal. Wide color range.

Certifications/Standards EN 13888 CG2

s-107 n

Neutral silicone putty for sealing joints. Specially recommended for sealing perimeter and movement joints. Indoor and outdoor use.

Recommended use:

Sealing joints even between materials sensible to chemical attack.



anti-cracking mat

Uncoupling sheet for floors subjected to low and medium level movements. It reduces the transmission of stresses produced by lateral movements from the substrate to the flooring.

Characteristics

It allows for direct laying of ceramic tiles with C2 S1 type cement-based adhesive as per EN 12004 Sheet thickness: 1.5 mm Roll measurements: 15 m2: 150 x 100 cm

Recommended use

Indoor flooring
Flooring with built-in heating
Suitable for flooring renovation works

