



From Project to Jobsite

SUPERJOINT

CEMENT BASED GROUTING MORTAR FOR SEALING TILING JOINTS

Description SUPERJOINT is a ready to use powder, based on hydraulic binders, spray-dried powder polymers, rheological additives, and selected silica. When mixed with water it forms an easy to apply tile grout for the effective waterproof sealing of typical tiling joints.

Advantages and characteristics

- Easy to apply, allowing fast progress
- Waterproofing
- Reduced mould or algae growth
- Permits complete filling and sealing of all defects in tiling applications.
- Allowing fast progress
- Excellent durability, substrate tolerant due to the low modulus of elasticity.
- Provides excellent adhesion of various types of tiles to a variety of substrates.
- Environmentally friendly. Does not contain any harmful substances.

Fields of use

- Smooth-face brick where faulty joints need repair
- Glazed or unglazed tile joints
- Smooth-floor brick or tile joints
- For the applications in swimming pools, bathroom or wet area.
- As part of the Tecnochem Terrazzo system.

Method of application

The surface to be grouted must be clean, free of all dust, dirt, laitance, efflorescence, paint, and previous waterproofing.

Place dry material in clean pan, drum or steel mortar box.

Gradually add clean water and stir until consistency of thick batter.

Use about 6, 25 litres of water per 25 kg bag.

Working time is approximately 2 hours at 21 °C.

Let material rest for 10 – 15 minutes, and then thoroughly mix just before using. Add a small amount of water during remixing if necessary.

Dampen surface. Use a coarse-fibered brush or rubber squeegee for application and scrub joints briskly, tracing joints as much as possible to rub small shrinkage cracks full of mortar, but keeping as much material off the face of the brick as possible.

Masking tape may be used to protect individual brick faces.

After scrubbing, while mortar is fresh, wipe excess from face of brick with damp, flat sponge or flattened burlap frequently rinsed in clean water.

In 20 to 30 minutes, repeat cleaning with dry burlap or sponge, rubbing mortar dust off surface.

For mortar joints in walls of textured, soft or sand-finished brick: After joints have been thoroughly cleaned, tape individual brick faces with special masking tape made for this purpose. Follow application techniques outlined above. Strip tape before grout has set.

Clean all tools and equipment immediately with water.

Cured material may be removed by mechanical means only.

For Best Performance

- Do not use over rough-surface brick, tile, etc., unless taped first.
- Do not apply when temperature is below 5°C or tends to drop below during the following 24 h.
- The tiled surfaces can be opened for traffic after 1 day, in normal climatic circumstances. Allow swimming pools to cure for 7 days before filling with water.



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Remarks The product remains protected and keeps a long time in the unopened sack as this has a double lining of polythene and paper. Do not use the contents of already opened sacks if they seem to have turned lumpy.

Information according to 2003/53/CE

- **Storage:** 12 months in the unopened original packaging, kept dry and protected at temperature between +5°C and +35°C.

Packaging 25 kg bag, pail of 5 kg.
Colour: grey or white.

Characteristic technical data (typical values)

Density	Kg/l	2,05
Air content	%	4
Compressive strength	N/mm ²	> 45 (28 days)
Flexural strength	N/mm ²	> 10 (28 days)
Brittleness index		45 (28 days)
Modulus of elasticity static	N/mm ²	23.000 (28 days)

Type mortar		Tile grout
N. components		mono
Advised layerthickness	mm	2-5 mm
Application		By hand
Typical application		Jointing tiles
Minimum temp. application		5 °C
Setting time hardening		Normal Faster than standard products
Consumption	Kg/m ² /mm	2,0

1N/mm² = 1MPa = 10,19 Kg/cm²

* the formulation for this type of products can be also made with the addition of corrosion inhibitors and MuCis[®].

① Freeze and thaw resistance in the presence of salt. SIA 162 11/91 (-600 gr/sqm= very high freeze and thaw resistance)

② Chlorides permeability. FH WA RD/81 (100 = 1000 COULOMB = very low chlorides permeability)

SE Depending on the applicative conditions (rain, sun, hot temperatures, humidity)



Very High Durability Repair & Prevention Systems



Very High Durability Reinforced Concretes

MuCis Multiple Corrosion Inhibiting Synergies

AED Very High Deformation Energy

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Datasheet of this product.

The above information is based on our best experiences and lab results. This datasheets replaces and superseeds the previous versions. We cannot held responsible for poor results that are due to causes unconnected to the quality if the product

Date edition : 01/2006
Date revision : 12/2011

Nr. rev.: 2

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