



CONSTRUCTION CHEMICALS TECHNOLOGIES

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## VIMEPOX TILE GROUT

Two-component epoxy grout without solvents

### Properties

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**VIMEPOX TILE GROUT** is a two component epoxy grout in paste form without solvents. After hardening it develops excellent adhesion to the substrate, high mechanical and chemical strengths, absolute waterproofing. It is not affected by acids, alkalis, corrosive cleaners, water containing salt and chlorine.

Presents excellent workability, high pot life and is being cleaned easily from the application surface before its hardening.

It is suitable for vertical and horizontal tile surfaces for both indoor and outdoor use. The width of the application joints can range from 2 to 12 mm.

It is classified in RG category (reactive resins grout) according to EN 13888.

### Applications

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**VIMEPOX TILE GROUT** is suitable for grouting tile and natural stone where there are high demands of mechanical and chemical strengths as well as waterproofing .

Suitable for :

- Food industries (milk factories, canneries, wineries, breweries, abattoirs) refrigerators and freezers
- Work areas with strict hygiene standards (butchers, fishshops, kitchens)
- Industries and chemical laboratories
- Tanks with chemicals and sewage, pools with chlorinated, sea or spa water.

**Technical characteristics**

Colorings	1. WHITE 01* (RAL 9002 grey white) 2. MANHATTAN GREY 71* (RAL 7038 agate grey) 3. BASALT 78* (RAL 7030 stone grey) 4. SAND 75* (RAL 7023 concrete grey) 5. BAHAMA BEIGE 22* (RAL 1015 light ivory) 6. MANOLIA 31*( brown beige) 7. BLACK (RAL 9011 graphite black)  *Colour palette of tile grout VICOFIL
Mixing ratio	Component A (resin) : Component B (hardener) = 85 : 15 ή 5,67 : 1 by weight
Specific weight of the mixture (A+B) (DIN EN ISO 2811-1)	1,7 kg/l
Pot life and cleaning ability	>90 minutes at 23 <sup>0</sup> C
Application temperature	+ 8 <sup>0</sup> C to + 35 <sup>0</sup> C
Walkability	After 16 at 23 <sup>0</sup> C
Temperature resistance	-40 <sup>0</sup> C to + 80 <sup>0</sup> C
Compressive Strength	57,2 N/mm <sup>2</sup> after 7 days
Flexural strength	30,4 N/mm <sup>2</sup> after 7 days
Adhesion	>3 N/mm <sup>2</sup> after 7 days



## How to use

Joints must be dry and clean. Empty the component B to component A and mix well with low speed stirrer for 2-3 minutes until a uniform mixture in a uniform color results. Fill the joints by using an elastic spatula in the direction of the diagonal of joints. At the same time remove the excess material from the surface of the tiles.

The final cleaning is being done by special soft sponge and (possibly warm) water along the diagonal direction, so that the joint is smoothed and cleaned of any thin film of material from the surface of the tiles. It is important to wash the sponge often with clean water during the cleaning process, to prevent material residues remain on the tiles.

Clean the tools by using water and in case that hardening has started it helps to use the water soluble **VIMEPOX SOLVENT**.

## Consumption

The grout consumption depends on the dimensions of the tiles and the width of the joint. Indicative for tiles 20 x 20 x 1 cm the consumption is 0,17 kg/m<sup>2</sup> for a 1 mm joint width meaning that for 3 mm joint: 0,51 kg/m<sup>2</sup>.

## Specific information

Storage	The material should be stored in closed containers in shady areas at temperatures. Shelf life of at least 1 year.
Hygiene Measures-Precautions	Both resin and hardener of epoxy systems should not come in contact with eyes, mouth and skin. Proper protection is done by using goggles and rubber or plastic gloves. If skin comes into contact with the resin or the hardener or the mixture should be wiped with a tissue and then rinsed with water and soap.