



Acid resistant epoxid system for grouting

For grouting of all ceramic surfaces, such as tiles, mosaics, and quarry tiles.

- Joint widths: 1.5 – 10 mm
- Resistant to most aggressive chemicals and high mechanical load
- Easy to apply
- For use on wall and floor
- Can also be used as adhesive

Product

Two-component epoxy resin-based system to be used as both grout and adhesive.

Colours

Available in standard colour: grey.

On request: Beige, white, pale gray, anthracite - minimum quantity and delivery time must be expected.

Coverage

Tile size / joint width	Coverage per m ²
110 x 240 x 12 mm / 6 mm	approx. 1.5 kg
110 x 240 x 12 mm / 10 mm	approx. 2.5 kg
110 x 240 x 18 mm / 6 mm	approx. 2.3 kg
110 x 240 x 18 mm / 10 mm	approx. 3.7 kg
110 x 200 x 12 mm / 6 mm	approx. 1.8 kg
100 x 200 x 12 mm / 10 mm	approx. 2.9 kg

Packaging

Available in 5 kg plastic buckets comprising both component A and B in correct ratio.

Surface preparation

Ensure that joints are completely dry and clean from adhesive residues and loose particles in a depth corresponding to tile thickness. Working temperatures should range between +15°C and +30°C.

Mixing and application

When mixing part A and B a high performance, hygienic, and very chemically resistant grout is obtained, suitable for both interior and exterior grouting of ceramic surfaces within food processing industries, such as breweries, dairies, abattoirs, etc., chemical industries, water purification plants, and other chemically aggressive environments.

Upon curing the grout provides a durable water and liquid proof joint, resistant to a number of chemicals as well as mechanical stress.

Joint and tile edges should be dry and free from dust, loose particles, grease and cement residues. Cement residues can be removed with Alfix Acid Wash.

Add component B to component A in a clean bucket while using a slowly rotating stirrer to obtain a homogeneous and smooth paste.

Mixing time: min. 3 minutes.

Working time: approx. 50 minutes.

Work Alfix C2 Epoxy Grout well into the joints with the aid of suitable hard grout float. Compact the grout into joints by working diagonally. Clean off surplus grouting material shortly after application before material starts to dry. For cleaning use the smallest possible amount of hot water and a wipe over tiles with pad frequently rinsed. Complete cleaning off with a viscose sponge frequently soaked in hot water. Avoid excess water to flow in joints.

Curing time: approx. 48 hours.

Other properties

Alfix C2 Epoxy Grout can also be used as adhesive for application of ceramic tiles.

Cleaning

Grout residues on tiles and tools should be cleaned immediately after use with hot water. Once cured, material can only be removed mechanically.

Test

Test results regarding chemical resistance and water impermeability from the German Institute of: "Untersuchungs- und Beratungsinstitut für Wand- und Bodenbeläge, Säurefließner-Vereinigung e.V. Großburgwedel".

Technical enquiries

Alfix specialist tools
List of references
Product health and safety data /COSH

For further information, please consult our Technical Services Dept.
For latest update of this product info, visit www.alfix.com.

Technical data

Working temperature	+15 °C - +30°C
Density	1.6 kg/litre
Working time	50 minutes at +20°C 40 minutes at +30°C
Foot traffic	After 16 hours at +20°
Full strength	After 4 days at +20°C
After 8 days at +10°C	
Compressive strength	approx. 65 N/mm ²
Modulus of elasticity	4200 N/mm ²
Adhesion strength, tiles	approx. 2,5 N/mm ²
Water absorption	0.16%
Shrinkage	none
Temperature resistance	+80°C
Thermal expansion	55 x 10-6K-1
Classification	CG
Shelf life	Min. 6 months in unopened cartridges.