



weberepox grout

High-performance three-component epoxy tile grout

Tile Fixing

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	12kg	12kg	-	-	12kg

PRODUCT

weberepox grout is 100% reactive three component epoxy tile grout product with very easy water cleanable properties exceeding the requirement of the standard ANSI 118.3, excellent chemical resistance, high strength, and easy application. It is designed for numerous types of applications. In addition to its waterproofing and excellent workability properties, it is especially blended to produce non-sag, stain resistant properties and high compressive strength.

weberepox grout is particularly recommended for tile grouting in medium and heavy duty, hygienic and corrosive environment. **weberepox grout** is classified as RG, a reaction resin grout as per EN 13888.

SCOPE OF USE

- Wide range of ceramics, mosaics, stones, etc...
- Recommended for wet areas (bathrooms, showers, and kitchens).
- Repair of damaged tile joints.
- Chemical facilities.
- For internal and external walls and floors.
- F&B facilities.
- Industrial facilities and Car showrooms, etc...
- Swimming pools.

ADVANTAGES

- Easy to mix and to apply.
- Easy and fast to clean.
- Anti-bacterial.
- High compressive strength.
- Excellent chemical resistance.
- Non-sag.
- Anti-stain.

CHARACTERISTICS

Density	1.75 +/- 0.05
Pot life	1 hr 30 min at 23°C
Initial setting time	3 hrs at 23°C
Full curing time	7 days
Application temperature	10-45°C

HARDENED PROPERTIES

Test Results	Test method	Results
Abrasion resistance	EN 12808-2	<250mm ³
Flexural strength after dry storage	EN 12808-3	>30 N/mm ²
Compressive strength after dry storage	EN 12808-3	>45 N/mm ²
Shrinkage	EN 12808-4	<1,5 mm/m

Water absorption @ 240 min	EN 12808-5	<0,1g
VOC	USEPA 24	<5g/lit

CHEMICAL RESISTANCE ASTM D543

ACIDS

Test	Observation
Resistance to 5% Acetic Acid	No blistering or discoloration observed
Resistance to 10% Citric Acid	No blistering or discoloration observed
Resistance to 5% Formic Acid	No blistering or discoloration observed
Resistance to 10% Oxalic Acid	No blistering or discoloration observed

BASES

Resistance to 50% Sodium Hydroxide	No blistering or discoloration observed
Resistance to 50% Potassium Hydroxide	No blistering or discoloration observed

SOLVENTS & FUELS

Xylene	No blistering or discoloration observed
Diesel	No blistering or discoloration observed
Ethanol	No blistering or discoloration observed
Kerosene	No blistering or discoloration observed

OTHERS

Resistance to 5% Hydrogen peroxide	No blistering or discoloration observed
Resistance to 15% Hydrogen peroxide	No blistering or discoloration observed
Resistance to 25% Ammonium solution	No blistering or discoloration observed
Resistance to 40% Sugar	No blistering or discoloration observed
Resistance to 1% Calcium Chloride	No blistering or discoloration observed
Ethylene Glycol	No blistering or discoloration observed
Sodium Chloride	No blistering or discoloration observed
Olive Oil	No blistering or discoloration observed
Glycerin	No blistering or discoloration observed
Carbon Tetrachloride	No blistering or discoloration observed

APPLICABLE STANDARDS

EN 13888
EN 12808
ASTM D543

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Before grouting, make sure that joints and tile surface are well cleaned, and dried. Remove dust or other contaminants with an air blower. Do not clean tiles with acid cleaners.

PRODUCT PREPARATION

Part B (hardener) is to be added to part A (resin). Mix parts A and B for 2 minutes using a suitable electrical mixer at low speed to ensure a proper chemical reaction. Open part C (filler) bucket and pour gradually the mixture of parts A and B onto the part C and continue further mixing until all the fillers are completely mixed by the epoxy, and a smooth paste is obtained. Let the materials rest for 2 minutes before starting the application of the product.

PRODUCT APPLICATION

weberepox grout should be applied directly into the joints by using a rubber trowel or scrapper fill the empty joints diagonally to ensure the joints are well filled. Remove excess grout with a grout float. Do not leave excess grout on face of tiles. Smoothing the joints by using a wet sponge then clean the tiles immediately, before the product dries by using a clean and wet sponge. The tiles are cleaned easily with water. **weberepox grout** can be applied for joints width up to 10mm. Ready for pedestrian after 24 hours at 25°C and for heavy traffic after 48 hours at 25°C.

CONSUMPTION

Consumption varies depending on tile size, joint width, and depth. Consult the consumption calculator for precise estimates.

CLEANING

Clean tools and equipment with water and soap while the material is still wet or use solvents such as Xylene. Do not allow the epoxy to harden on equipment.

PACKAGING

12kg

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

Avoid prolonged contact with skin. Wear protective gear for hands and eyes. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable. For further and complete information about the product's safety please refer to the safety data sheet.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

The information included on this Technical Data Sheet is the sole property of Saint-Gobain Middle East Holding SAL (previously SODAMCO Holding). The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.