

Weberepox Easy

Two-component, epoxy based tile adhesive & grout

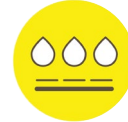


Weberepox Easy is a two-component, epoxy-based tile adhesive and grout for all tiles and stones on floor and wall, providing high mechanical and chemical resistance. It is suitable for hygiene sensitive and sterile conditions. It forms a smooth and thixotropic paste, which makes it easy to mix, apply, clean, and maintain.

PRODUCT BENEFITS



EASY TO APPLY



WATER RESISTANT



EASY TO CLEAN

USES

For maintenance-free use in residential, commercial, and hospitality projects. Industrial applications like chemical industries, commercial kitchens, and processing plants. Suitable for wet areas such as pools and for heavy traffic areas like subway stations and shopping malls.

ADVANTAGES

- Highly thixotropic (non sag)
- Low water absorption - Watertight joints
- High compressive strength
- High chemical and stain resistance

PRECAUTION

Suitable for joint widths between 2-12 mm. Epoxy grout applications should not be done in excessive heat. When used externally, colour variations may occur over time, especially with lighter shades. Always test a sample area before application.

TECHNICAL DATA & PHYSICAL PROPERTIES

Physical State	Part A: Resin Paste, Part B: Hardener Paste
Pot Life @ 25°C	Approx. > 80 mins
Full Cure	7 days
Temperature Range	0 - 80 °C
Mix Density	Approx. 1.58 g/cc
Water Cleanability	Approx. 95 min
Weberepox easy - ANSI 118.3	
Setting Time	Approx. 175 min (Initial) / 6 days (Service setting time)
Shrinkage	0.06 %
Sag in Vertical Joints	No change
Shear Bond Strength	8.5 MPa (Quarry Tile)
Compressive Strength	33 MPa
Tensile Strength	8.7 MPa
Thermal Shock Resistance	4.2 MPa
Weberepox easy - Reaction Resin Grout (RG) - ISO 13007-3 Grout	
Abrasion Resistance	194 mm ³
Flexural Strength	32 MPa (After 28 days)
Compressive Strength	47 MPa (After 28 days)
Shrinkage	0.57 mm/m
Water Absorption	0.05 g (After 240 mins)

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TECHNICAL DATA & PHYSICAL PROPERTIES

Weberepox easy - Improved Reaction Resin Adhesive (R2 T) - ISO 13007-1 Adhesive

Shear Adhesion Strength	8 MPa 6.5 MPa (After water immersion) 5.2 MPa (After thermal shock)
Tensile Adhesion Strength	3.5 MPa (After no >20 mins)
Vertical Slip Resistance	No Slip

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Clean by washing with water or detergent. Ensure the joints are dry.



Mixing

Mix Part A and Part B thoroughly for 2 - 3 minutes using a mechanical mixer (100 rpm) to get a homogeneous paste. Avoid prolonged mixing. Do not add water.



Application

Tile Grout: Apply using a squeegee, or rubber float and fill the grout into the joints, leaving it flush against the tile edge. Wipe off any excess material within 30-90 minutes with a damp sponge in a circular motion. For vertical surfaces, use a non-abrasive cloth or smooth pad to loosen any film. Any touch-ups should be done within 30-45 minutes of application. Complete cleaning within 10-20 minutes from the initial cleaning.

Tile Adhesive: Apply the mixture with a notched trowel. Press the tile firmly against the adhesive bed.

Keep the area protected for 48 hours after application. For swimming pools, protect for 72 hours. Durability would depend on the maintenance of the installed area.

CLEANING

All tools and equipment should be cleaned immediately with water after use and avoid harsh chemicals. Acid cleaning only after 10-14 days from application.

STORAGE & PACKING

Weberepox easy is available in 5 kg sets (Part A - 4 kg + Part B - 1 kg)
Shelf life of 24 months if unopened and kept in sheltered and dry conditions.

HEALTH & SAFETY

Wear protective clothing, gloves, and goggles during mixing and application process. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medical attention if irritation persists. Please keep out of reach of children.

bizSAFE



*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Nov '22)

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