

COLORTEC POXY WB

Water Based Cleanable Epoxy Tile Grout

Description:

COLORTEC POXY WB is a two component, water, cleanable chemical resistant epoxy tile grout. It is composed of epoxy resin tinted to the required color (part A), and hardener (part B). Once mixed the product gives a thixotropic workable paste which can be easily applied as tile grout for all types of tiles, like ceramics, porcelain, natural stone and marble for joints from 2 to 10 mm wide.

COLORTEC POXY WB offers hygienic, low odor, easy to clean epoxy grouting material.

Applications:

COLORTEC POXY WB is an ideal grouting product for tiles where high mechanical, chemical resistance and hygienic properties are required. It can be applied internally and externally and for all types of tiles. Some applications include:

- Ceramic tiles, mosaic, natural stones, marble tiles.
- Laboratories and hospitals.
- Mechanical rooms and chemical facilities.
- Factories, workshops and service facilities.
- Showers, bathrooms and kitchens walls and floor.
- Swimming pools and water features.
- Catering facilities, food production and processing, central kitchens.

Advantages:

- Can be applied on floors and walls for external and internal application.
- High abrasion and chemical resistant.
- Stable colors even at heavy cleaning environments.
- Water resistant can be applied at wet areas.
- Excellent adhesion to damp and dry surfaces.
- Water proof, hygienic, hard wearing and impact resistant.
- Good resistance to chemical attack.
- Easy to apply and can be cleaned by water.

- Non-toxic, hygienic and anti-bacterial. Suitable for tiles grouting in food facilities, hospitals, catering facilities and heavily utilized kitchens.
- Can be applied for joints from 2 to 10 mm.

Instructions for Use:

Surface Preparation:

All joints to receive COLORTEC POXY WB should be clean, dry and free from loose material, dirt. Ensure that the installed tiles had fully cured before starting the grout application. Refer to the technical data sheet of the tile adhesive applied before commencing application with COLORTEC POXY WB grouting.

Mixing:

Mix the contents of component A (Base) with a low speed mixer for one minute to homogenize the contents of the container. Add the contents of component B (hardener) to the contents of component A (Base) and mix until a uniform, lump free color consistent mix is achieved. Ensure to avoid air entrapment due to over mixing which cause pinholes in the grout. Scrape the sides and bottom of the can to assure complete mixing. Once mixed, the material must be used within its pot life.

Application:

With a rubber sided or a plastic trowel, spread the mixed product of COLORTEC POXY WB to the substrate evenly and in sufficient quantity. Work the mix to the joints firmly and ensure full coverage. Sweep excess from the face of tiles using same trowel. Once confident that grout went through and covered all joints, clean the face of tiles area by making circular movements with a coarse sponge pad and a little water. Wipe off the resulting slurry with a soft sponge. Frequently rinse the sponge in clean water while cleaning the tile surface. After 5 hours of application, apply proper cleaning to the face of the tile floor with a soft sponge. Usually Joints color grouting can be performed after 24 hours of tiling of walls and floor. Refer to technical data sheet of the

COLORTEC POXY WB

used adhesive for more details. If TILEGRIP POXY WB tile adhesive is used, joint grouting with COLORTEC POXY WB can be performed after 8 hours of tiles application.

Do not apply COLORTEC POXY WB on expansion joints or on support with high dynamic movements. All used tools should be cleaned with water before material dries.

Standards:

COLORTEC POXY WB conforms to:

- ANSI A 118.3
- ANSI A 118.8
- EN 13888

TECHNICAL PROPERTIES	
Color:	: White, grey. Other colors upon request
Density (mixed)	: 1.50 Kg. / Lt.
Pot life @ 25°C	: 60 minutes
Bond Strength	: 1.80 N / mm ²
Compressive Strength	: 48 N / mm ²
Flexural Strength	: 12 N / mm ²
Shrinkage (fully cured)	: 0.1 %
Water Absorption	: <0.1 %
Full Curing	: 7 days
Chemical resistant	
Acid solutions	: Very good
Alkali solution	: Very good
Oil	: Excellent
Detergents	: Excellent
Water, sea water, brackish	: Excellent
Service Temperature	: -5°C to +80° C

Packaging:

COLORTEC POXY WB is available in 6 kg. kits of two containers hardener and base.

Coverage:

Consumption expressed in Kilograms in a unit of one square meter calculated as:

$$\frac{W \times D}{1,000} \times L \times 1.5 = (\dots) \text{ Kg. /m}^2$$

W: width of Joint (mm)

D: depth of tile (mm)

L: linear meter of joint in 1m² of tiles

Storage:

Store in original packing in dry conditions away from direct sunlight.

Shelf Life:

COLORTEC POXY WB can be utilized within 12 months of production date if stored in proper conditions in unopened original packing.

Cleaning:

Clean used tools with water before product dries. Dry material should be removed mechanically.

Health and Safety:

- Use goggles and gloves during application. Do not breathe vapor of products. Use only in well ventilated areas.
- Avoid contact with eyes or skin.

MATEX Rev.04-0321

This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

