

Monneli Grout WB

Water cleanable Epoxy tile grout
Formerly "Neofil Poxy WB"

Product Description

Monneli Grout WB is a user friendly, 100% solids, water cleanable epoxy grout used for permanent, chemical resistant grouting of ceramic, glass and stone tile. Monneli Grout WB is excellent for counter tops and areas with high traffic and physical abuse.

Uses

Monneli Grout WB can be used as follows:

- ▶ Grouting of ceramic, porcelain, and quarry tile coverings, acid resistant floor brick, pavers and natural stone tiles.
- ▶ It is ideally suited for heavy duty commercial installations-indoor and outdoor, where materials are exposed to high trafficking, thermal shock and chemicals.
- ▶ For application in food processing plants, commercial kitchens, hospitals, fast food outlets, swimming pools, laboratories.

Advantages

- ▶ Excellent adhesion to damp and dry surfaces
- ▶ Water proof, hygienic, hard wearing and impact resistant
- ▶ Good resistance to chemical attack
- ▶ Easy to apply
- ▶ Water cleanable

Usage Instructions

Surface Preparation

The below surface, tiling mortar must have set sufficiently hard. Remove excess adhesive or mortar from the joint area so that 2/3 of the depth of the tile is left available for grouting.

Grout joints and tile surface should be swept or vacuum cleaned. It should be free of standing water, dust, dirt and foreign material.

Mixing

The base and hardener components should be individually stirred to re-disperse any settlement. Transfer part B into the can of Part A and mix thoroughly using a slow speed electric drill with a paddle attachment, taking care to avoid air entrapment which cause pinholes in the grout.

Scrape the sides and bottom of the can to assure complete mixing until a uniform consistency and color is obtained. Do not over mix as this will cause the epoxy to flash set.

Application

Allow the tiles to set firmly before grouting (1 to 2 days). Pour the mixed grout onto area to be grouted. Spread grout into open joints of tile or brickwork starting at the lowest areas, making sure grout joints are completely full and then working to the highest areas.

Using a hard rubber float, work grout into the joint and strike excess grout from the tile faces in a squeegee fashion. Be certain to pass over joints on a 45° angle so as to not disturb the grout that has already flowed into joints. Remove all excess epoxy from the surface of the tile with the rubber float before it begins to set by turning the float perpendicular to the tile surface and skimming it diagonally off the tile surface.

Clean the remaining grout off the surface of the tile 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.

Do not begin cleaning the surface before Monneli Grout WB has started to set. For final cleaning, wait for at least 3 hours but no more than 6 hours to remove the remaining film from the surface with a soft sponge.



Cleaning

Tools, gloves and application equipment should be cleaned immediately with hot water, while material is still wet. Once the material gets hardened, mechanical removed will be necessary

Technical Data

| Category | Typical Values |
|---------------------------------------|--|
| Appearance | White, grey, black. Other colors available upon request |
| Wet Density | 1.59 Kg/L @25°C |
| VOC | 9.0 g/L |
| Open Time | 60 minutes |
| Compressive Strength | 50 N/mm ² |
| Flexural Strength (ASTM C580) | >25 N/mm ² |
| Water absorption @ 7 days (ASTM C413) | 0.3% |
| Shrinkage (7 days) | <0.25% |
| Sag (vertical joints) | None |
| Chemical Resistance | Excellent for most solvents, acids, alkalis |
| Load Bearing Strength | After 24 hours |
| Service Temperature | -5°C to +80°C |

All values are subject to 5-10% tolerance

Standards Compliance

- ▶ ANSI A 118.3
- ▶ EN 13888

Consumption

Consumption is according to joints depth and width and the size of tiles. Accurate quantity of consumption can be calculated using the following formula:

$$\text{Formula: } \frac{A+B}{A \times B} \times W \times D \times 1.59 = \text{Kg/m}^2$$

W = width of joint (mm)

D = thickness of tile (mm)

A = length of tile (mm)

B = width of tile (mm)

Packaging

Monneli Grout WB is supplied in 2 component 8kg kit

Storage

Store in dry and covered place out of direct sunlight and protect from high temperature (higher than 35°C). Shelf life is 12 months if stored as recommended.

Health & Safety

During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.

In case of contact with skin, rinse with water and again was thoroughly with soap and water.

In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.

If ingested, obtain medical attention immediately. Do not induce vomiting.

Legal disclaimer

Monneli endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Monneli has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of TDSs are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

VER.1.2019