

MonniLatex

Synthetic Latex Additive for Cementitious Grout

Product Description

MonniLatex is an extremely elastic water based polymer. It is designed to be mixed with cementitious grout (MonniGrout or Pool Fix) in total or in partial replacement to water. The mixture of MonniLatex with tile grout powder improves the compact-ness, abrasion resistance, impermeability and adhesion of grout when applied in joints between tiles.

In addition, the elastic property of the product allows the grout to absorb certain deformation and vibration on the substrates.

Uses

MonniLatex is used for mixing, fully or as partial substitute of water with MonniGrout and Pool Fix grout for tile grouting in the following applications:

- ▶ Swimming pool, fountains, steam rooms, refrigerating room
- ▶ External applications
- ▶ Floors exposed to heavy pedestrian traffic
- ▶ Floors and walls exposed to vibration, high temperature variation, deflection
- ▶ For grouting joints between high absorbent tiles
- ▶ For areas where high abrasion, water and chemical resistance is required

Advantages

- ▶ Improve adhesion to substrates
- ▶ Improve deformability and impermeability of the grout after complete curing

Usage Instructions

The joints between tiles should be clean free of dust. Clean the joints between tiles and brush before grouting.

Mixing

Shake MonniLatex pail before use. Pour a part of the latex as needed into a clean container and then add MonniGrout 0-4, MonniGrout 4-20 or Pool Fix. Mix to get a homogeneous paste free from lumps.

Application

Leave the mixture for about 10 minutes, then remix shortly and apply with a rubber grout float into the previously cleaned and wet joints.

Let the product set for about 20 minutes, and then proceed with cleaning the tiles with soft sponge. After the complete hardening of the grout, remove, with a dry sponge, all the remaining traces of grout on the surface. If the surface is still dirty clean it with PULINET. Read the instruction of PULINET in the technical data sheet before application.

Cleaning

Tools and equipment should be cleaned with water immediately after use.

Technical Data

Properties	Result
Appearance	white liquid
Density at 25 °C	1.02 kg/L
VOC	1.0g/L
Pot life time at 25°C	60 minutes
Mixture's ratio with MonniGrout 0-4	30 : 100
Mixture's ratio with MonniGrout 4 -20	25 : 100
Mixture's ratio with Pool Fix 2-20	30 : 100
Harmfulness ECC 88/379	No
Temperature of application	+5°C to 35°C
pH	7 – 8

All values are subject to 5-10 % tolerance

MonniGrout mixed with MonniLatex would perform as follows:

Properties	Result (0-4 mm)	Result (4-20mm)
Density of the Mix (kg./Lt.)	1.80	1.90
Flexural strength (N/mm ²)	7.5	7.3
Compressive Strength (N/mm ²)	25	31
Water absorption (after 30 minutes)	1.2	0.4
Shrinkage (mm/m)	2.0	1.4
Chemical resistance	Excellent	Excellent
Temperature Resistance	30 to +80°	30 to +80°

Applicable Standards

- ▶ European EN 13888-CG2
- ▶ ANSI A 118.6 - 1999

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.

Consumption

Please refer to MonniGrout and Pool Fix data sheets.

Packaging

MonniLatex is available in 20 Liter plastic pails

Shelf Life & 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.

Recommendations

- ▶ The product delays slightly the initial setting of the mixture assuring at the same time a better curing. Don't use pure product neither like primer nor as an adhesion bridge. It is supplied as a ready to use white liquid. It is also ideal for internal and external applications in conjunction with cement.
- ▶ The product should not be applied when temperature is below +5°C.

Health & Safety

Handle the product with caution. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash 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.