

Monneli Pool Grout

Water Resistant grout for swimming pool tile joints

Product Description

Monneli Pool Grout is a cementitious mortar adhesive composed of hydraulic binders, selected aggregates and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on site, which requires only addition of clean water to produce easily workable mortar. Pool Grout is ideal for jointing of Ceramic Tiles, Marbles. Pool Grout is applied in thickness from: 2-4 mm for wall tiles and 3-8 mm for floors tiles.

Uses

- ▶ Grouting of walls and floors joints subjected to varying range of dry or humid conditions.
- ▶ Pool Grout is specifically designed to be compatible with Monneli Pool Fix product used for laying & fixing tiles.
- ▶ Suitable for use with both ceramic and marble tiles.

Advantages

- ▶ Factory controlled pre-blend ensures consistent high quality.
- ▶ Requires only addition of water on-site at the time of usage.
- ▶ Easy tile installation that enables high Productivity.
- ▶ Superior workability.
- ▶ Excellent bonding on variety of ceramic tiles available in the local market
- ▶ Suitable for internal & external applications
- ▶ Suitable for horizontal & vertical surfaces.

Usage Instructions

Surface Preparation

All excess adhesive tiles that are at the level higher than half of the tile thickness shall be removed.

All the joints should be free from dust, loose materials & traces of foreign materials etc. Neutralize the water absorption of the tiles by applying clean potable water.

Do not leave water pooling in the joints.

Mixing

For the preparation of Monneli Pool Grout mortar, pour into a container 8-9 Liters of water for 25 Kg bag of Monneli Pool Grout. Add the powder to the water and mix with a low speed electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump-free consistency is achieved. Allow the mixed material to stand for about 10 minutes and remix briefly with no further water to be added.

It can also be blended manually for small quantity but ensure correct amount of powder to water is maintained.

Do not add water to the mix, once the mortar adhesive starts to harden.

Application

Spread the mixed mortar over the tile joints and firmly pressed with rubbing pad covered with sponge rubber spatula.

Monneli Pool Grout mortar is spread diagonally across the joints ensuring that the Pool Grout is pressed firmly into the joints. Excess grout that remains on tiles shall be removed with same tool. After initial setting of 20-30 minutes, depending upon the ambient temperature & humidity, clean the tiles and remove all excess material with a wet sponge. After full drying, clean the tile surfaces with dry cloth or dispensable cotton towels. When

washing & drying the tiles, ensure tile joints are not rubbed too deep. Monneli Pool Grout must be kept moist for first 2 days after application to ensure good hardened properties are achieved.

Cleaning

Tools and equipment can be cleaned with water immediately after use. Hardened materials will require removal by mechanical means.

Technical Data

Properties	Typical Values @ 25°C
Appearance	Colored Powder
Aggregate Size	0.7 max
Application Thickness	2-8 mm
Pot Life	25 minutes
VOC	< 25 gm/Liter
BS: EN 13888 Classification	CG2AW
Compressive Strength @ 28 day (ASTM C349)	≥ 21 MPa
Flexural Strength @ 28 day (ASTM C348)	≥ 3.5 MPa
Mixed Density	1.7 kg/liter
Minimum application temperature	5°C

All values are subject to 5-10% tolerance

Standards Compliance

- ▶ BS:EN 13888
- ▶ ISO 13007

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

Wall: 0.3-0.5 Kg/LM/3mm Joint
 Floor: 0.5-0.8 Kg/LM/3mm Joint

Packaging and Coverage

Monneli Pool Grout is available in 25 Kg Bag size.

Storage

Original sealed container of Monneli Pool Grout has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 25°C.

Health and Safety

Monneli Pool Grout is highly alkaline therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be washed with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advice. Monneli Pool Grout is non-flammable.