

Monneli Grout

Water resistant multipurpose
sanded grout for jointing tiles

Product Description

Monneli 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. Monneli Grout is ideal for jointing of ceramic tiles, terrazzo tiles & marbles. Monneli Grout is available in white and grey, also available in other colours and different packing. Monneli Grout is applied in thickness of 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.
- ▶ Compatible with Monneli tile adhesive range.
- ▶ Suitable for use with most types of tiles such as cermaic, porcelain, terrazzo, marble tile joints.

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 adhesion on variety of tiles available in the local market.
- ▶ Water & weather resistant.
- ▶ Suitable for internal & external applications.
- ▶ Suitable for horizontal & vertical surfaces.

Usage Instructions

Substrate 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 grout mortar, pour into a container 7.0-8.0 liters of water for each 20 Kg bag or 8.5-9.5 Liters for 25 Kg bag of Monneli 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.

If required, add 0.5 Liters of Monneli Bond to the mixing water followed by addition for each 20 Kg bag of powder.

Mixed material can be used within 1 hour.

Do not add water to the mix when 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.

Grout mortar is spread diagonally across the joints ensuring that the Monneli 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.

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

Category	Typical Values
Appearance	Coloured powder
Aggregate Size	0.2 mm (max)
Application Thickness	2 to 8 mm
Pot Life	60 minutes
BS EN 13888 Classification	CG2AW
Compressive Strength (ASTM C349)	≥ 23 MPa @ 28 days
Flexural Strength (ASTM C348)	≥ 5.0 MPa @ 28 days
Mixed Density	1.70 Kg/L
Minimum application temperature	5°C
VOC	<25 g/L

All values are subject to 5-10% tolerance

Standards Compliance

- ▶ BS EN 13888 as CG2AW
- ▶ ISO 13007-3,4
- ▶ ASTM C348
- ▶ ASTM C349
- ▶ ANSI A118.6

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

Monneli Grout usage yields 0.3-0.5 Kg per Liter Meter on a wall for 3 mm joint thickness and 0.5-0.8 Kg per Liter Meter for 5 mm joint thickness.

Packaging

Monneli Grout is supplied in 5,10,20,25 Kg bag sizes.

Shelf Life & Storage

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

Health & Safety

Monneli 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 wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise.

Monneli Grout is non-flammable.