

Monneli Masonry Mortar

Premixed cementitious masonry
mortar

Product Description

Monneli Masonry Mortar is a cement based coat composed of hydraulic binders, selected aggregates and high performance 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 cohesive mortar. Monneli Masonry Mortar is a premium quality product contains special adhesion additive Monneli Masonry Mortar can be applied in thickness from 5 mm to 50 mm.

Uses

- ▶ For internal or external applications in wet & dry conditions onto block walls & rough surfaces.
- ▶ Applied for cement & concrete blocks and panels.
- ▶ Filling walls and joints

Advantages

- ▶ Factory controlled pre-blend ensures consistent high quality.
- ▶ Requires only addition of water on-site at the time of usage.
- ▶ Suitable for Middle Eastern harsh weather conditions.
- ▶ When using the Silo system, it has an easy application with uniform work flow enables high productivity & superior finishing.
- ▶ Strong adhesion on variety of concrete blocks.
- ▶ Strong bond in blocks & wall joints.
- ▶ Internal & external applications.
- ▶ Suitable for wet to dry conditions.

Usage Instructions

Substrate Preparation

The block surface should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc.

Prior to Monneli Masonry Mortar application, wet the entire surface with clean potable water. The surface should look damp at the time of Monneli Masonry Mortar application.

Mixing

Add to the mixing container 8-10 litres of water for each 50 Kg bag of Monneli Masonry Mortar. Add the powder to the water and mix with a mechanical plaster mixer or low speed electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump-free consistency is achieved.

Leave the mixed material to stand for 10 min and briefly remix without addition of water.

Manual mixing is allowed for small batch quantities by mixing for approx. 1-2 min, or when homogenous mix is achieved.

Application

Neutralize the suction of the block surface with water before applying mortar. Any excess water should be removed.

The Monneli Masonry Mortar is spread with trowel on the surface and joints where the blocks are to be mounted. Fill joint in similar way as conventional sand/cement mortar.

After stiffening, the masonry mortar should be given a final smoothing to remove protrusions and eliminates undulations.

Cleaning

All tools should be cleaned immediately after finishing by water. Hardened materials can be cleaned mechanically.

Technical Data

Category	Typical Values
Appearance	Grey coloured powder
Aggregate Size	up to 2.8 mm
Wet Density	1.90 Kg/L (approx.)
Pot Time	1.5 hrs @ 25°C (approx.)
Compressive Strength (ASTM C109)	≥ 8.0 N/mm ² @ 28 days
Air Content	≤ 14%

All values are subject to 5-10% tolerance

Standards Compliance

- ▶ ASTM C348
- ▶ ASTM C109
- ▶ ASTM C270
- ▶ ASTM C780
- ▶ BS EN 998-2, Type G
- ▶ ASTM C1072

Consumption

Monneli Masonry Mortar usage yields 15 linian meter per 10 mm for a solid block volume of 400 mm x 200 mm x 200 mm, 22 leter meter per 10 mm for a solid block volume of 400 mm x 200 mm x 150 mm and 31 liter meter per 10 mm for a solid block volume of 400 mm x 200 mm x 100 mm.

Packaging

Monneli Masonry Mortar is supplied in 50 Kg bag size.

Shelf Life & Storage

Original sealed bags of Monneli Masonry Mortar 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 Masonry Mortar 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 Masonry Mortar is non-flammable.

For further information, please refer to material safety data sheet.

Legal disclaimer

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