

Technical Data Sheet

Mohara-Mix

Cement-based, masonry pre-blended multi-purpose mortar

Description

Mohara-Mix is a cement-based, factory pre-blended mortar in powder form. When mixed with the correct quantity of water, it provides a high-quality thixotropic mortar suitable for Plastering and fixing all types of blocks and bricks.

Features and benefits

- Ready to use. Just requires the addition of water.
- Suitable for internal and external applications.

Recommended for

It is especially formulated to replace traditional site mix sand/cement mortar. It is used as a Plastering and brick laying mortar for different types of masonry bricks, blocks & lightweight aerated blocks and engineered cementitious blocks. It can also be used as a thick bed tiles' adhesive mortar, walls and ceilings render and floor screed.

Composition

It is composed of high strength Portland cement, selected well graded fillers and compound of selected chemicals to improve workability and reduce shrinkage cracking.

Packaging

Mohara-Mix is available in 50 kg bags.

Coverage: Approximately 28 liters/50 kg bag.

Technical data

Mortar-Mix contains 300 kg of Portland cement/m³. Different types of Mohara-Mix with different cement contents are available to meet projects' specification.

Blocks condition

All used blocks must be clean and free from oil or any loose materials. It is recommended to wet the used blocks before the application, especially in hot and dry conditions. Remove any excess water at the time of application.

Mixing

Mortar consistency can be obtained by mixing a 50 kg bag of **Mohara-Mix** with approximately 11 - 12 liters of clean water. For best results, use as little water as possible and mix to give a workable consistency. Mix mechanically in a suitable batch mixer. A slow speed drill fitted with suitable mixing paddle can also be used. Add the contents of **Mohara-Mix** bag to the mixing water slowly while mixing. Mix for 5-10 minutes until a homogeneous mortar consistency is achieved. Do not over mix. MIX AND USE. Mix material that can be applied within 60 minutes (pot life).

Application

It can be applied as a brick laying mortar by hand application immediately after mixing. Spread to a uniform thickness of 15 - 25 mm of **Mohara-Mix** using a trowel. Place blocks firmly over the applied area.

Curing

As with all cement-based products, good curing is very important to ensure that the optimum characteristics are obtained. Always cure with tap water for at least 2 – 3 days. Begin curing as soon as the final setting is achieved. The applied areas should be protected from direct sunlight and heavy wind. In cold, humid or unventilated areas, it may be Powder density 1.6 kg/liter

Compressive strength :10 N/mm² after 28 days

Shear bond strength : 3 N/mm² after 28 days

Pot life 60 minutes @ 20°C

Cleaning

Clean tools with water immediately after use.

Storage and shelf life

In order to preserve the quality and usability of the product, it should be kept in its unopened packaging, on pallets or similar structures, in a cool and dry place. If these recommended conditions are met, the product will remain usable for 12 months from the manufacturing date printed on the packaging.

Health and Safety

This product is composed of cement which may cause skin irritation or an allergic reaction on skin and damage to eyes. Do not inhale any dust from this product. Gloves, goggles or safety glasses, and other protective clothing must be worn. Skin should be washed with excess water if contact is made. Eyes should be washed out continuously for several minutes with water and medical help should be sought. Dispose of any leftover materials in the proper waste collection area per local and national policies. This product should be kept out of reach of children.

Growell guarantees that the product is free from material flaws. If any product is found to be defective, the manufacturer's responsibility will be limited to replacing the product at the factory. Users must confirm with the company that the product is appropriate for their intended use and that they have the most current data sheet. The company reserves the right to make changes without notice. The technical specifications provided are for informational purposes only.