



## Vetonit Masonry Mortar MMR510

Premixed Cementitious Masonry Mortar for Concrete Masonry Blocks

### Uses

- Masonry mortar for installing (CMU) Concrete Masonry Units (solid, hollow, insulated)
- Use Masonry Mortar for filling walls and joints.

### Product Description

Vetonit Masonry Mortar MMR510 is a cement-based premixed mortar 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 the addition of clean water to produce cohesive mortar. Masonry Mortar is a premium quality product that contains a special adhesion additive. Masonry Mortar can be applied in thickness from 8 mm to 20 mm.

Vetonit Masonry Mortar MMR510 complies with ASTM C-270, and it is available as Type N, S or M.

### Advantages

- Factory controlled pre-blend ensures consistently high quality..
- Requires only the addition of water on-site at the time of usage.
- Suitable for ME harsh weather conditions.
- Strong adhesion on a variety of concrete blocks.
- Strong bond in blocks & wall joints.
- Internal & external applications.
- Suitable for wet to dry areas.
- Free from Asbestos, complies with Green Building Regulations.

### Technical Data

Vetonit Masonry Mortar	Typical Values @ 25°C
Appearance	Grey colour Powder
Aggregate size	max 2.4 mm.
Wet density (Kg/Liter)	~ 1.90
Setting Time @ 25°C	3 - 4 hrs
Compressive Strength, Type N @ 28 day (MPa)	> 6
Compressive Strength, Type S @ 28 day (MPa)	> 12.4
Compressive Strength, Type M @ 28 day (MPa)	> 17.5
Air Content	< 12 %
Water Retention	> 75 %
Reaction to Fire (BS EN 998-2)	Class A1

### Standards Compliance

- ASTM C270, Type N, S and M
- BS EN 998-2

## Usage Instructions

### Block Surface Preparation

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

Before Masonry Mortar's application, wet the entire surface with clean potable water, and the surface should look damp at the time of Masonry Mortar's application.

It is recommended to apply a DPC membrane on the ground before laying the first row of blocks (solid blocks).

### Mixing

Add to the mixing container 6.5 - 8.5 liters of water for each 50Kg bag of 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 until achieving a uniform, lump-free consistency.

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

Blend Masonry Mortar manually for small quantities and maintain the correct amount of powder to water. Mix for approximately 1-2 minutes, until achieving a homogeneous mix.

### Application

Neutralize the suction of the block surface with water before applying mortar. Remove any excess water.

Spread Masonry mortar with a trowel on the surface and joints where the blocks are mounted.

Fill joint in a similar way as conventional sand/cement mortar.

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

### Cleaning

Clean all tools immediately after finishing by water. Clean hardened material mechanically.

## Packaging & Coverage

Product	Pack Size	Consumption
Masonry Mortar	50kg Bag	≈ 30 Lit wet/ 50kg bag

Product	Coverage
Masonry Mortar	15 L.M/ 10mm (Solid block 400x200x200 mm)
	22 L.M/ 10mm (Solid block 400x200x150 mm)
	31 L.M/ 10mm (Solid block 400x200x100 mm)

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastage.

### Shelf Life & Storage

The original sealed bag of Masonry Mortar has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place, at temperatures between 5°C - 35°C.

### Health & Safety

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 eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Masonry Mortar is non-flammable.

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

### Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.

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