

BLOCK GRIP N

Pre-bagged Cementitious Block Fixing Mortar

Description:

BLOCK GRIP N cement based, pre-blended mortar. Formulated for precision fixing of cementitious blocks.

BLOCK GRIP N consisting of cement, silica sand, lime, aggregates and chemical additives.

Advantages:

- Easy to mix and apply, just add water.
- Ideal for internal and external application.
- Good strength and adhesion between blocks.
- Suitable for tropical climates.

Instructions for Use:

Surface Preparation:

The block should be free of loose particles, dust, dirt, grease, oil. Block surface should be moistened with water prior to the application of BLOCK GRIP N.

Mixing:

Add the contents of BLOCK GRIP N bag of 50 kg into a container of 7.5 liter of clean water, mix until a uniform lump free consistency mix is achieved.

Leave the mix to stand for 5 minutes and remix before use, using a low speed mechanical mixer (200-300 rpm) with a suitable mixing paddle. The mixture remains workable for one hour after mixing at 25°C. In case of application by using spray machine, adjust the water level to get suitable mix viscosity with uniform consistency.

Application:

Apply a layer of BLOCK GRIP N to the face of the block after wetting the block surface. Place the new block to the mortar bed and apply pressure till the mortar oozes. The mortar will set in 30 minutes allowing the second line of block to be installed in the same procedure.

Nominal thickness of application: 10 mm

Standards:

- ASTM C91 TYPE N, ASTM C109, ASTM C270
- ASTM C150 TYPE I, ASTM C144

TECHNICAL PROPERTIES	
Appearance	Cementitious
Wet Density	2.28 kg/lit
Workability Time @ 25°C	>45 minutes
Aggregate Size	Up to 3.0 mm
Compressive Strength@28 days	>15.0 N/mm ²
Flexural Strength@28 days	>1.0 N/mm ²

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

Coverage:

For 10mm joint thickness and 20x20x40 blocks

Each 50Kg bag of BLOCKGRIP N Covers:

- 1.5 m² for solid block
- 3.2 m² for hollow block

*Coverage rate is an approximate value, and subject to actual site conditions.

Packaging:

BLOCK GRIP N available in 50 kg recyclable bags.

Storage Conditions:

Store BLOCK GRIP N in dry and covered area away from direct sunlight. Keep material protected from rainfall and avoid excess compaction.

Shelf Life:

BLOCK GRIP N can be utilized within 12 months of production date if stored in proper conditions in an unopened original packing.

Cleaning:

Clean the used tools with water before the product dries. Hardened material can only be removed mechanically.

Health and Safety:

- BLOCK GRIP N is a cement-based product which causes alkaline reactions when in contact with water or body sweat which can be allergic for some.
- It is recommended to use gloves and goggles during application.
- Avoid contact with skin or eyes. In case of contact with eyes or skin, wash abundantly with warm water and seek medical attention immediately.
- Provide adequate ventilation and avoid inhalation of dust.

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