TECHNICAL DATA SHEET

BLOK BOND

Block and Brick Laying Adhesive Mortar

Description

BLOK BOND is a cement-based ready-mix mortar when mixed with water gives a high bonding and adhesion mortar for laying cement blocks and bricks. It is consisting of Portland cement, silica sand, limestone aggregates and special additives formulated to obtain optimal characteristics of workability, water retention and adhesion power.

BLOK BOND is an Eco-friendly product that contains no asbestos fiber or any harmful additives.

Features & Benefits

- Pre-packed, Factory controlled quality
- Easy to apply with high workability
- Environment friendly
- High strength and bonding properties
- Formulated for hot weather climate

Uses

BLOK BOND is used for laying cement blocks and clay bricks for both internal and external areas. It has high bonding and strength properties with durable performance.

Technical Properties

Appearance	Cementitious mortar
Wet Density	1,850 Kg/m^3 approx.
Compressive strength	≥8 N/mm^2 @ 28 days
Grain size	Up to 4mm
Cement/ Filler Ratio	1:5
Workability time	45 min @ 25 ^{o}C
VOC	<1.0 g/L
Resistance to fire	Class A1 (BS EN 998-2)

All values are subject to 5-10% tolerance

Standards Compliance:

- ASTM C270 type N
- BS EN 998-2 Class M5

Application Procedures

Surface preparation:

All block surfaces must be free from dust, loosely adhered material, cement droppings, grease, oil, etc.
During hot weather, it is recommended to moisten the block surface with clean water before applying the mortar.

Mixing Instructions:

To prepare the mixture, pour 6-7 liters of clean water into container and add slowly the content of **BLOK BOND** (50 Kg bag). Mix using spiral paddle in slow speed heavy duty drill for 3-5 minutes till a homogeneous lump free consistency mix is achieved.

Application Instructions:

Apply **BLOK BOND** mortar using a trowel on the block at thickness of 1-2cm. place the block on the mortar with pressure to ensure full surface contact. Remove excess mortar from the sides.
The applied mortar should be cured for 3 days with clean water (3-4 times per day).

Yield

BLOK BOND 50kg bag will give 33 Ltr of fresh mortar

Packaging

BLOK BOND is available in 50kg bag.

TECHNICAL DATA SHEET

Storage

Keep the product in dry and sheltered place at temperature between +5ºC to +35ºC. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

SBI products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All SBI datasheets are updated on a regular basis. It is the user's responsibility to obtain the recent version.

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