Ressi BLM 510

Ready to use premix block laying mortar

RESSICHEM
adding life and value to your property

Ressi BLM 510 is a ready to use premixed highly polymer modified block laying mortar for laying masonry bricks, blocks, curbstones, pavers, etc.

ADVANTAGES

- ✔ Ready to use.
- ✔ Easy Application
- ✔ Can be left bare or covered.
- ✔ Save space (No dumping of sand on site)
- ✔ Accurate Cement content (No dosage errors)
- ✔ Consistent strength (No batch errors)
- ✔ Durable
- ✔ Good adhesion with bricks and block
- ✔ Save time (No site mix)

SURFACE PREPARATION

Ensure that the blocks are clean, sound, and free of loose materials before commencing laying. If a support is used for the laying of bricks or blocks, ensure that it is free from dust, oil, grease, or any other material which may cause debonding. It is strongly recommended to avoid humidity arising applied on foundations by protecting the substrate by using a suitable waterproofing system. A variety of different waterproofing systems can also be recommended by Ressichem.

PRODUCT PREPARATION

For proper mixing, it is important that water is premeasured in accordance with the amount of material used. The mortar powder should be added over the water to avoid the settlement of the material at the bottom of the mixing container. The mixing container should be uncontaminated, non-corrosive and clean. Only potable water should be used for mixing. It is also recommended that material should be mechanically mixed with a mortar mixer or other mechanical mixing methods to obtain a consistent lump free mix.

APPLICATION

Ressi BLM 510 is specifically designed to adhere to the code of applications as prescribed in BS 5628. The correct alignment of the first row is of the utmost importance and must be ensured. Using an appropriate trowels and tools, spread an appropriate layer of the mortar over the entire contact surface. Ensure that the blocks are correctly aligned. Remove all excess mortar prior to hardening. It is important to allow a suitable gap between the wall and the slab to avoid cracks forming. Ressi BLM 510 is also ideal for laying bricks and blocks as per the specification of various wall waterproofing systems as prescribed in various systems of Ressichem systems.

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TECHNICAL DATA

Appearance	Grey Powder
Composition	Contains Cement and selected aggregates along with additives to improve consistency, workability, and durability
Maximum aggregates size	2.00 mm
• Water Application	20% ±5%
• Wet mix life	Tested as per BS EN 1015-9 Approximately < 45 minutes @20°C
• Compressive Strength: [1]	Tested as per BS EN 1015-11 28 Days 7.00 N/mm^2
• Flexural Strength	Tested as per BS EN 1015-12 28 Days 1.00 N/mm^2
• Approximate Yield/Coverage	0.65 m^3/T

*** Typical Results under laboratory conditions**

[1]These Results Comply with BSEN 998-2 Class (M5)

CURING

No Curing Required in General, however maximum curing for 72 hours where hot climatic conditions prevail.

SHELF LIFE

Expiration of Ressi BLM 510 is at 6 months after production date under dry and sheltered conditions.

PACKAGING

Ressi BLM 510 is available in 50 KG bags.

HEALTH & SAFETY

Ressi BLM 510 is regarded as non-hazardous for transportation. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Please refer to product MSDS for further health and safety data.

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