



BA310

THIN JOINT ADHESIVE MORTAR

PRODUCT DESCRIPTION

OPTIMIX BA310 THIN JOINT ADHESIVE MORTAR is a high quality cement based water resistant polymer modified mortar designed for fixing Autoclaved Lightweight Concrete (ALC) for thin joint applications and installations.

TYPICAL USAGE

- Suitable for filling vertical and horizontal joints for ALC wall system
- 2-3mm thickness is sufficient for erection and installation of ALC blocks

FEATURES AND BENEFITS

- Consistent quality
- Simple and easy to use
- Long open time
- Good bond strength
- Water resistance
- High productivity rate
- Moderate flexible
- Good slip resistance



TECHNICAL DATA

Product Characteristics	OPTIMIX BA310
Compressive Strength	≥ 14 MPa
Flexural Strength	≥ 3 MPa
Adhesive Strength to ALC	≥ 0.4 MPa (ALC Failure)
Available Colour	White / Grey
Open Time	20 minutes
Coverage	1.25 kg/mm/m ²
Density	1600 kg/m ³
Packaging	25 kg per bag
Shelf Life	12 months

Note: The above are typical laboratory test results and can vary slightly depending on the ambient and substrate conditions during application.

SURFACE PREPARATION

Ensure the surface to receive **OPTIMIX BA310** is free from loose particles, dust, dirt, grease and oil.

MIXING

Mix one bag of **OPTIMIX BA310** dry powder with 5.0 - 5.5L potable water. Mechanical mixing with slow speed drill fitted with a suitable paddle is recommended. Mix the mixture for about 5 minutes or until a lump-free homogenous mix is achieved. Allow the mixture to stand for 3 - 5 minutes, mix briefly again and the material is ready for use.

APPLICATION

Spread the adhesive mortar with a straight trowel and ensure the surface of ALC block is fully covered. Blocks should be joined together and fixed before the formation of drying film on the surface of the mortar. Completed joints should be fully filled and covered with adhesive mortar approximately 2-3 mm thick. Upon achieving the final laying or fixing position of ALC blocks, any excess adhesive mortar should be removed immediately.



HEALTH AND SAFETY

OPTIMIX BA310 is alkaline in nature and can cause irritations to persons with sensitive skin. Avoid inhalation of dust and contact with skin and eyes. Wear suitable protective gloves and masks while handling the product. If contact with eyes, rinse immediately with plenty of clean water and seek medical advice. This product is non-toxic and is not flammable.

STORAGE

Store in the original unopened bags on pallets with plastic wrapping under dry conditions. Store out of direct sunlight, clear of ground on pallets protected from rainfall. Avoid excessive stacking of pallets. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.



Important Note: The information contained herein is, the best of our knowledge, true and reliable and is supported by the present state of our knowledge. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives as the conditions of use and any labour involved are beyond our control.



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