

ADHESIVE MORTAR STANDARD (910)



PRODUCT DESCRIPTION

ADX™ Adhesive Mortar (910) is a high-performance polymer modified premixed mortar with high adhesion strength and durability. The versatile mortar is designed for laying of aerated lightweight concrete (ALC) blocks, panels, lintels and as spatterdash coat on concrete surface to enhance mortar adhesion. It can also be used for patching and surface repairing/improvement works.

FEATURE & BENEFITS

- Excellent adhesion
- Excellent workability
- Excellent weather resistance
- Consistent quality
- Water resistant
- High durability
- No pre-wetting required

TECHNICAL DATA (typical values)

Appearance	Grey powder
Binder	Cement
Filler	Graded silica sand and calcium carbonate powder
Auxiliaries	Additives and specialized polymers
Water Powder Ratio	0.21 – 0.23
Wet Density	1750 – 1850 kg/m ³
Dry Density	1600 – 1700 kg/m ³
Bond Strength	≥ 1.0 N/mm ²
Pot Life	1 – 2 hours
Coverage (per bag)	Spatterdash Coat (Unbroken) 9m ² at 3mm thickness Block Laying Thickness: 2mm 21m ² wall for 600x200x100mm (thick) ALC block
Packaging	40kg; 50bags per pallet

SURFACE PREPARATION

1. Surface must be structurally sound, clean and free from dust, oil and any traces of foreign materials that may affect adhesion.
2. Highly absorptive surface to be moisten with water before application.
3. Stagnant water or water flow directly on to substrate that may affect mortar adhesion to substrate to be removed/redirected prior to the block laying or spatterdash coat application.

MIXING

1. Mix **ADX™ Adhesive Mortar (910)** with approximately 8L of clean water.
2. Mix thoroughly with an electrical mixer for 3-5 minutes to achieve lump-free homogeneous mortar paste.

APPLICATION

SPATTERDASH COAT:

1. Apply **ADX™ Adhesive Mortar (910)** in a single coat application onto the substrate with a notched trowel.
2. Allow spatterdash coat to cure for at least 12 hours before application of subsequent plaster/render layers for best result.

BLOCK LAYING:

1. Apply 2-4mm **ADX™ Adhesive Mortar (910)** onto the prepared joint surface with an appropriate notched trowel by spreading evenly to the entire width of the blocks on perp and beds.
2. Apply block as soon as mortar is applied to ensure good contact is achieved between the adhesive mortar and the block surface.
3. Align the blocks accurately and secure firmly in place by gently tapping with a rubber mallet.

4. Remove excess adhesive mortar from the joint surface before the mortar sets.
5. Do not apply mortar more than 2 blocks length at a time.

PRODUCT LIMITATIONS

Do not use **ADX™ Adhesive Mortar (910)** over metal/steel or painted surface.

STORAGE

ADX™ Adhesive Mortar (910) should be stored in dry area free from excessive moisture.

SHELF LIFE

Up to 12 months in original, unopened and undamaged sealed bags; kept off the ground in a cool, dry weatherproof environment.

HEALTH & SAFETY

ADX™ Adhesive Mortar (910) is non-hazardous. However, it is recommended that appropriate safety equipment be worn when handling the product, including dust mask, rubber gloves, full eye protection and safety boots where necessary. In case of contact with eyes, wash with plenty of water. If irritation persists, seek immediate medical attention. Safety Data Sheet is available upon request.

IMPORTANT NOTICE

The information provided here is based on our experience and is given to the best of our knowledge and it is non-binding. User is responsible in ensuring that the product is suitable for the purpose of the application. ADX is not liable for the use performance of the product or whatsoever arising from the use of the product unless specifically agreed in writing as we have no control on the treatment of the product and surface condition of the substrate. Edition ADX2503. This edition will become invalid when a new version is published.

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