

ACROPAK MORTAR

Single Pack Polymer Modified Repair Mortar

Description

A preblended polymer modified cementitious mortar which only requires the addition of clean water. The product is characterised by its excellent bond strength and high abrasion resistant surface which makes it ideal as a general purpose bedding mortar and screed.

Applications

- Repair of damaged floors and roads.
- Bedding of paving slabs, block paving and copings etc.
- Screeds where abrasion and/or water resistance is required.
- Repair of damaged concrete both insitu and precast.

Advantages

- Only requires the addition of water.
- Excellent adhesion to concrete and steel.
- Contains no chlorides.
- Good workability and finishing properties.
- Good resistance to water, frost and salt permeation.
- Low water/cement ratio.

Technical Information

Compressive Strength N/mm ²	
24 hours:	21 N/mm ²
7 days:	38 N/mm ²
28 days:	51 N/mm ²
Typical Density kg/M ³ :	2250
Typical Water/Cement Ratio:	0.35
Yield:	83 bags per M ³

Surface Preparation

Existing concrete surfaces should be clean and free of laitance which should be mechanically removed. Corroded reinforcement steel should be exposed to its full circumference and cleaned to remove all corrosion and loose scale preferably by grit blasting. Edges of repairs should be cut square to avoid feather edging.

Priming

The prepared concrete surface should be thoroughly dampened with water and any excess removed before brushing on Nucem Emulsion Primer. The Acropak Mortar should then be applied over the Nucem Emulsion Primer after it has become tacky (when it turns clear).

Mixing

The Acropak Mortar can be mixed as normal concrete, preferably using a forced action mixer. It is permissible to mix small quantities by hand. Water content should be kept to a minimum, typically 2.0 - 2.25 litres per 25 kg bag.

Application Instructions

Apply the mixed Acropak Mortar to the substrate whilst the Nucem Emulsion Primer is still tacky. Compact the Acropak Mortar thoroughly to ensure maximum durability and finish as for normal concrete. All equipment should be cleaned with water immediately after use.

Curing

Normal curing procedures should be adhered to and precautions taken to avoid frost attack. Resin based curing membranes should not be used if the concrete is to receive a subsequent surface coating.

Storage

Store in cool dry conditions.

Health & Safety

Acropak Mortar does not present any undue hazard and is non-toxic, however, as it is slightly alkaline, gloves and goggles should be worn and any material should be washed from the skin and eyes before it dries with clean water.

Packaging

Acropak Mortar is available in 25 kg units yielding approximately 12.0 litres.

Limitations

Excessive water additions will reduce strengths. Application should not take place in temperatures below 5°C unless steps have been taken to protect the area in these conditions.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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