

Water-based acrylic bonding agent for cementitious repair systems

Description

Arki-Primer AR is an acrylic bonding agent for interior and exterior use.

Arki-Primer AR is designed to bond repair mortar and new concrete to old without the laborious scarification process which is usually necessary.

Arki-Primer AR withstands humidity and temperatures and can be applied over damp or dry surfaces.

Arki-Primer AR is not affected by alkalinity of lime plaster or portland cement.

Uses

- Bonding agent for Arki cementitious repair systems.
- Bonding agent over concrete and masonry surfaces to improve adhesion and reduce suction.
- Bonding agent when application is to be made over dense concrete or masonry.

Advantages

- Water resistant.
- Excellent bond strength.
- Excellent coverage.
- Water cleanup.
- Non-flammable.
- Does not contain harmful solvents.
- Reduces cracking.

Properties

Type:	Acrylic based emulsion
colour:	White
Specific gravity:	1.04
Cure time:	
Dry to touch:	20 - 25 minutes @23°C 10 - 15 minutes @35°C
Full cure:	7 days @23°C 5 days @35°C
Bond strength: (ASTM D4541):	>2.0 MPa - concrete failure.

Directions for use

Surface Preparation

Remove all loose material, oil, grease, dust, efflorescence and laitance. Sweep or blow out with air. Dampen area but do not leave standing water.

Application

Apply Arki-Primer AR by brush ensuring the surface is completely covered and the primer is well penetrated into pores and crevices of the area under repair. Avoid puddles.

Apply the repair mortar while the primer is still wet or tacky. Re-apply Arki-Primer AR if it had gone dry.

Arki-Primer AR is applied in a rate of 4-6 m²/litre, depending on the substrate condition.

Approximate drying time for the primer is about 20 minutes at 50% RH and 23°C.

Do not allow dust film to cover the primed area prior to application of Arki repair compounds. If this occurs the area must be re-primed.

Cleaning

Clean tools with water before hardening. Hardened material can only be removed mechanically.

Storage and shelf life

Arki-Primer AR has a minimum shelf life of 12 months when stored in good warehouse conditions away from direct sunlight in ambient temperature between 5°C and 35°C.

For ambient temperatures outside this range consult Arki for advice.

Packaging

Arki-Primer AR is supplied in 3.75 L and 20 L containers.

Safety precautions

Arki-Primer AR is a non-flammable material.

Arki-Primer AR is not classified as hazardous material under current legislations.

Arki-Primer AR may cause irritation to the skin and eyes. Therefore, unnecessary contact with the product is to be avoided and suitable gloves and goggles must be worn.

Do not dispose into water or soil. Dispose the material according to local regulations.

Accidental contact of Arki-Primer AR to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

For further information refer to the material safety data sheet.

Technical support

Arki provides assistance to its customers and gives site support, consultations and technical advice on concrete repair, surface preparation and treatment, tile adhesive and tile grout selection and tile installation techniques.

Additional Arki products

Arki produces high quality products intended for use in construction activity, among these products:

- Concrete Admixtures
- Concrete repair materials.
- Mould release agents and curing compounds.
- Waterproofing materials.
- Flooring systems.
- Tile adhesives and tile grouts
- Protective coatings.

Product Quality

All Arki products are manufactured under quality management system independently certified to conform to the requirements of the international standards.



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Users should always refer to the most recent issue of the product technical data-sheet for the product concerned, copies of which will be supplied on request.
Arki products are guaranteed against defective materials and manufacture and are sold subject to Arki standard terms and conditions of sales.
Because the storage, handling and application of these products are beyond our control, we can accept no liability for the results obtained.