

ARMOPRIME AS

Single Component Modified Acrylic Resin Dispersion Primer

Description:

ARMOPRIME AS is a single component, water based, multi-purpose acrylic based, moisture barrier and high-quality primer. It is ideally used to waterproof the surface and protects thin bed mortars and levelling compounds from rapid absorption of water, improves adhesion and prevents the formation of shrinkage cracks.

Uses:

- Primer prior to the application of Hydrolastic AS777 on porous substrates
- Can be used on floors and walls in internal and external application
- Primer for cement-based flooring systems.
- Acts as a moisture barrier and primer for plaster, plaster slabs, gypsum fiber boards, plaster boards, aerated concrete, concrete, asphalt, render and brickwork before tiling and wallpapering
- Treatment of gypsum boards, aerated concrete, sand-lime brick, brickwork and concrete on walls before plastering
- For priming absorbent substrates to protect subsequent materials from rapid dehydration

Advantages:

- Excellent penetration to most substrate.
- Water based, Non-toxic, environmentally friendly
- Improves the adhesion of tiles over gypsum-based substrates
- Protects thin-bed mortars and levelling compounds from rapid dehydration, extends the open time, improves adhesion and prevents formation of cracks caused by shrinkage

Instructions for Use:

Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds, dirt, oil and grease or any deleterious

substances which may impair adhesion. Ensure that concrete substrates are fully cured for at least 28 days.

Newly applied cement screeds must not have a moisture content above 4%, ground anhydrite and or gypsum-based screeds not more than 0.5%

Mixing:

ARMOPRIME AS is a single component ready to use product. Shake the jerkin to ensure no settlement of materials.

Application:

Apply ARMOPRIME AS with brush or roller. Apply to substrate in rich amount to ensure proper penetration and coverage of the surface. The application rate varies dependent on the porosity of substrate. For very porous substrate apply two coats of ARMOPRIME AS. Do not apply the second coat until the first one has completely cured. After the material has cured (scratch proof) apply subsequent coatings.

The product must penetrate in the support and must not remain in excess on surface.

TECHNICAL PROPERTIES	
Appearance	Liquid
Color	Milky white
Density	1.02 ± 0.03 kg/lit
pH	8.0 – 9.0
Application Temp.	+5°C to +40°C
Overcoat time	Min. 30 min.
Drying time	Approx. 1-2 hours
Noxiousity according to CEE 88/379	NIL
Flammability	No
VOC	<15 g/l

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

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Coverage:

ARMOPRIME AS achieves coverage of approximately 80 to 150 ml per square meter.

*Coverage rate is an approximate value and subject to actual site condition.

Packaging:

ARMOPRIME AS is available in 20 liter jerry can.

Storage:

Store in original packing in dry conditions away from direct sunlight and high humidity levels.

Shelf Life:

ARMOPRIME AS can be utilized within 12 months of production date if stored in proper conditions in an unopened original packing.

Cleaning:

Clean tools and equipment with water before material hardens. Hardened materials can only be removed mechanically.

Remarks:

- During summer season or temperature higher than 35°C, working area should be covered to prevent the direct sun effects. Keep equipment cool and use cold water for mixing the product.
- Protect the freshly applied material from direct sunlight and/or strong drying wind.
- Do not apply where ambient temperatures are below 5°C.
- In case of partial tiling, the entire wall area should be primed e.g. behind the bathtub or above the tile covering.
- Maximum permissible moisture content, layer thickness of gypsum-based substrates and surface properties should be followed from the recommendation of the gypsum manufacturer.
- Avoid puddles forming when applying Armoprime AS.

- Adhesive residues of old coverings must be completely removed before laying natural stones.
- Do not apply Armoprime AS underwater.
- Armoprime AS can be diluted 1:1 with water for the first coat on very absorbent substrates, e.g. aerated concrete.

Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapor or spray mist.

FIRST AID:

Eyes:	In the event of accidental splashes, flush with warm water and seek medical advice.
Skin:	Wash skin thoroughly with soap and water
Inhalation:	Remove to fresh air, keep patient rested
Ingestion:	Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to ARMOPRIME AS Material Safety Data Sheet.

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