

## ARMOPRIME AC

### Single Component Acrylic Based Roughening and Adhesion Promoter Primer

#### Description:

ARMOPRIME AC is a single component, acrylic water based, high quality, surface roughness promoting primer. It is ideally used to waterproof the surface and improves adhesion of plaster, ceramic tiles, wall paper, etc. to the surface. The primer adheres to a variety of substrate and provides resistance to diluted acids and alkalis. It penetrates deeply in to the surface presenting features like dust roofing, integral waterproofing.

#### Uses:

ARMOPRIME AC is used as:

- A primer prior to application of self-levelling or fluid mortars, levelling and smoothing compounds.
- Can be used as roughening and bonding layer before applying tile adhesive or plaster finishing.
- Vapor barrier against capillary humidity.
- Primer for cement-based flooring systems.
- Can be used on AAC blocks and other porous surfaces to act as a sealer and as a bonding primer.
- Treatment of gypsum/cement boards before plastering or before fixing tiles with cementitious adhesives.
- As protective treatment before the application of PLASTOMIX range of products.

#### Advantages:

- Excellent penetration to substrate.
- Excellent adhesion on different substrates
- High freeze thaw resistance
- For indoor and outdoor applications

#### 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. Ensure that concrete substrates are fully cured for at least 28 days.

#### Mixing:

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

#### Application:

Apply ARMOPRIME AC with brush, roller or spray machine. Apply to substrate in rich amount to ensure proper penetration and coverage of the surface. The application rate varies between 3-4 m<sup>2</sup>/Lt, dependent on the porosity of substrate. For very porous substrate apply two coats of ARMOPRIME AC.

The product must penetrate in the support and must not remain in excess on surface. Consecutive works such as plastering, laying ceramic tiles or other coverings, should start immediately when the primer film surface is tacky and before it dries.

| TECHNICAL PROPERTIES               |                    |
|------------------------------------|--------------------|
| Color                              | Grey               |
| Density                            | 1.12 ± 0.03 kg/lit |
| Recoat Interval                    | Approx. 30 minutes |
| pH                                 | 8.5-10.5           |
| Application Temp.                  | +5°C to +40°C      |
| Noxiousity according to CEE 88/379 | NIL                |
| Flammability                       | No                 |

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

#### Coverage:

ARMOPRIME AC achieves coverage of approximately 5-6 square meters for one ltr.

\*Coverage rate is an approximate value, and subject to actual site conditions.

#### Packaging:

ARMOPRIME AC is available in 20 liter jerry can.

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## Storage:

Store in original packing in dry conditions away from direct sunlight in a covered warehouse.

## Shelf Life:

ARMOPRIME AC 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:

- Do not apply where ambient temperatures are below 5°C.
- For application when smooth finish coating is required, ARMOPRIME AC can be produced without Silica sand to provide a flat finish surface.

## 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 AC Material Safety Data Sheet.

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