



ARMSTRONG CHEMICALS PVT. LTD.,
Bengaluru
An ISO 9001 Certified Company

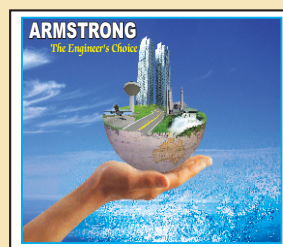


High Performance Acrylate Penetrative water barrier primer

DESCRIPTION :

ROOFBOND BCS PRIME 501 - High Performance Acrylate Penetrative water barrier primer is a ready to use breathable primer based on special acrylic polymer, blocking sealers and specially designed fillers in aqueous dispersion to consolidate and standardize the absorptions of both internal / external surfaces of concrete and masonry. Specifically designed single component liquid product based on acrylic co-polymers, flame retardants and graded filler surfactants in aqueous dispersions. The ambient cross linking technology to offer improved primer performance, consolidate the treated surface and great improvement in adhesion between the substrate and subsequent over coatings such as plaster, waterproof coating systems, tile adhesives, paints and other skim coats etc.,

The product is highly suitable on surfaces of cement, lime, gypsum, plaster boards, screeds etc., and it evens out the absorption on the treated surface to improve the application of mineral finishes by extending work time and reducing the risk of cracking. Recommended for damaged Roads, Industrial Floorings and External walls.



ADVANTAGES :

- Single component liquid ready to use and easy to apply.
- Enhanced adhesion to a variety of repaint and new substrates.
- Provides excellent durability of the applied surface to receive the subsequent coatings.
- Acrylic based non-toxic.
- Breathable primer with excellent bonding suitable for various surfaces.
- Acrylic co-polymer reinforced product consolidate the treated surface.

TECHNICAL PROPERTIES :

Sl.No.	PROPERTY	TYPICAL VALUE
1.	Appearance	Liquid, off white.
2.	Nature	Acrylic aqueous polymer.
3.	Solid content	67% + 2
4.	Adhesion to Substrate	> 1.5 N/mm ²
5.	Density	1.35 gm/ cc.
6.	Elongation at break	350%
7.	Tensile Strength	2.5 N/mm ²
8.	Water absorption	Nil (one day) < 1% (7 days)
9.	Water Vapour Transmission	30 gm / m ² / 24 hr.
10.	Application temperature	5°C to 50°C.
11.	Touch Dry	2 Hrs. @ 25°C
12.	Reduction in Chemical ingress	96%
13.	Re-coatable time	3-4 Hrs.



APPLICATION GUIDELINES :

SURFACE PREPARATION :

All the surfaces should be dry, sound and free from contamination such as oil, grease, moss, algae growth, laitance, traces of mould releasing oils, curing compound and loose particles decayed matter etc., This is to be done by lightly gritt blasting, wire brushing and water jet cleaning. If required where moss, algae or similar growth occurred, treatment with a proprietary biocide should be carryout.

Normal cleaning of dust with air blower can be done where application over the base coatings /primers or GEO Fabric or Fibre Mesh is applied as per the relative dry period of the each coating or system.

PRODUCT MIXING :

Shake the plastic can of ROOFBOND BCS PRIME 501 before use, recommended to mix upto 20% of water. Stir well with a slow speed stirrer / paddle machine for a time period of 3 to 5 minutes and apply thoroughly over the entire surface to be coated using a brush or spray. If site condition requires can be mixed with 1 ltr. ROOBOND BCS PRIME 501 mixing with 20% of water and add 1 kg. cement to apply as a penetrative coating.

PRODUCT APPLICATION :

ROOFBOND BCS PRIME 501 is applied on a cleaned cementitious / primed surface with brush or spray at a coverage rate of 4 to 5 Sqm per Ltr. depends on the porosity of the applied surface. Wherever if applied over the GEO fabric / fibre mesh surfaces as directed above mix with cement and apply. coverage rate will be 3 to 4 Sqm per ltr.

SHELF LIFE : 2 Years from the date of manufacturing.

PACKING : 1, 5 &20 Ltrs

STORAGE : Store in dry condition in the original containers.

HEALTH & SAFETY PRECAUTIONS :

Skin contact : Wash skin with soap & water.

On eye contact : immediately splash eyes with plenty of water, consult physician if irritation persists.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.

Authorized Distributor / Stockist

ARMSTRONG CHEMICALS
TRUSTED AND ACCLAIMED FOR ITS
MULTIPLE ACTION PERFORMANCE



Manufacturers :

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An ISO 9001 Certified Company

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