



ApcoBuildTM
Build Smarter

DAMPShieldTM

ELASTOMERIC COATING WITH REINFORCED FIBRES FOR TERRACE & ROOF WATERPROOFING

- Excellent for Terraces & Roof waterproof coating
- Excellent Ultra-violet resistance for outstanding durability
- Resistant to the effects of long weathering like chalking and flaking
- Possess anti-fungal and anti-algae properties
- It forms higher film thickness, has excellent flexibility breathing properties, water resistance excellent crack bridging ability and weathering durability
- ApcoBuild Dampshield is an excellent heavy duty reinforced waterproofing coatings. It prevents moisture, seepage through hairline cracks on concrete due to its film flexibility and weathering properties.

AREAS OF APPLICATION

- Building roofs / Terraces-Flat & sloping.
- All types of exterior masonry surfaces, concrete, cement sand rendering etc.
- Applicable on asbestos sheets.
- All types of Parapet & Vertical Walls.

ADVANTAGES

- Excellent barrier to carbon di-oxide, chloride ions and sulphates attack
- Excellent Ultra-Violet resistance for outstanding durability
- Reinforced with fibres for abrasion resistance & mechanical property
- Possess anti-fungal and anti-algae properties
- Crack - bridging ability upto 2mm

APPLICATION METHOD

SURFACE PREPARATION

- All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, and laitance
- Mechanical means such wire brushing, shot blasting can be used, and finally vacuum clean of all loose solids as required
- Where moss, algae or similar growths have occurred, proper treatment should be carried out
- All surface cracks should be filled up with ApcoBuild Seal 'N' Safe modified mortar

APPLICATION

- The surfaces should be self-primed with ApcoBuild Dampshield diluted with potable water with 30 % by volume prior to application of ApcoBuild Dampshield. allow prime coat to dry for at least 3-4 hours
- All self-primed substrates should be treated with two coats of ApcoBuild Dampshield without dilution by brush or roller with time gap of 6 hours between each coat,
- For enhanced protection, apply additional coat of ApcoBuild Dampshield on rain lashing walls, chajjas & parapet walls. Allow the coated surface to air cure fully for 7 days

PRECAUTIONS AND LIMITATIONS

- Don't apply during rain.
- The coverage of ApcoBuild Dampshield can vary as per the nature of the substrate
- Surface should be prepared as per instructions

TECHNICAL INFORMATION

Sr. No.	Properties	Test Method	Specification
1	Nature		Single component, self priming
2	Appearance		Elastomeric acrylic liquid with fibre
3	Elongation (250 microns DFT)	ASTM D 412-02	300 %
4	Tensile Strength, N/mm ²	ASTM D 412-02	2.9
5	Crack bridging ability	ASTM C 836	Passes more than 2 mm width
6	Solid		50 to 55 %
7	Adhesion Strength		2.3 n/mm ² (concrete failure)
8	Recoat period	ASTM D 4541	4 to 6 hours
9			

SHELF LIFE

- 12 months in ideal storage conditions.

PACKAGING

- 1, 5, & 25 kg.

COVERAGE

- 20-25 Sq.ft. / Kg. in 2 coats after self priming
- Coverage may vary depending upon the porosity of the surface

HEALTH AND SAFETY

- Recommended use of hand gloves, goggles & masks.
In case of eye or skin contamination, wash well with soap & cold water. Seek medical advice as necessary.

DISCLAIMER: These suggestions and data are based on information, which we believe to be reliable. They are given for information only and in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Recommended use in construction segment.



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