



# ApcoBuild™

Build Smarter

## ApcoBuild Flex PU WB

**High performance, Polyurethane Hybrid UV stable, eco-friendly, flexible, water based modified waterproofing membrane.**

- Single component liquid applied system based on an advance Polyurethane modified water based polymer forming seamless elastomeric flexible waterproofing membrane
- The waterproof membrane on exposure to ultra violet radiation with excellent weathering, crack bridging properties.

### AREAS OF APPLICATION -

Used for waterproofing / damp proof basements, kitchens, bathrooms, balconies & decks, shower recesses, repair/ restoration of leaking roofs. It is also suitable for deck areas, in planter boxes & retaining walls if its protected by drainage.

### ADVANTAGES -

Easy to apply single component water based system.  
Eco -Friendly low odour for easy use without irritation.  
Flexible with 300 Plus % elongation, fast drying can be recoated after 3 -5 hours at normal room temperature.  
UV stable non- yellowing, can be used internally & externally.  
Excellent crack – bridging properties.

### Surface Preparation -

Surface should be sound, clean, free of dust, oil, grease any loose particles using wire brush to ensure good adhesion of coating to be done. Concrete surface must be fully cured. Rendered surfaces to proper slope must be allowed to cure for a minimum of 7 days prior to the commencement of waterproofing.

## Priming

Properly prepared surface is primed with product diluted with 20% water using brush, roller or squeezee achieving approx. 100 sft per Kg of priming material and is allowed 30 minutes for drying

## APPLICATION METHOD -

On a well prepared surface with attended cracks, followed by proper priming as prescribed above, apply two coats of product without dilution by brush or roller with time gap of 4-6 hours between each coat.

For enhanced protection, apply additional coat as reqd. Air bubbles trapped under the surface must be removed in order to achieve maximum waterproofing effect.

Material is to be applied at minimum dry film thickness of 1.2 mm in 2 coats.

## TECHNICAL INFORMATION -

Properties	Test Method	Specification
Appearance		Water based colored paste
Density	Kg/Litre	1.27 ± 0.1
Elongation at break	ASTM D 412	300 %
Tensile Strength	ASTM D 412	2 - 3 Mpa (at 28 days)
Water Vapour transmission	ASTM E 96	3.72/ m <sup>2</sup> /24 hours
Permeance		0.031 Mg/N.s
Final Cure Time 25°C		7 days
Pot Life		Not Applicable
Re-coating		3 - 5 hours at R.T
Water Immersion		485 % pass (at 56 days)
Detergent Immersion		310 % pass (at 56 days)
Bleach Immersion		465 % pass
Heat Ageing		264 % pass

## SHELF LIFE

12 months from date of manufacture in ideal storage condition

## PACKAGING

5, 20 Kg Pail

## COVERAGE

20 Sq.ft/Kg in 2 Coats after self priming  
Coverage may vary based on the substrate

**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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