

## am FLEXPROOF 530WB

### DESCRIPTION

The environmentally friendly one-part **am** FLEXPROOF 530WB is a water-borne product. It has a high solid content and a good elongation properties which stretch up to a minimum of 500%. **am** FLEXPROOF 530WB is also capable of bridging cracks up to 2mm. Its colour is brownish black and dries to a tough flexible dark black coating..

### RECOMMENDED USES

When applied to specified thickness, **am** FLEXPROOF 530WB is suitable for general waterproofing use with the ability to bridge cracks up to a minimum of 2mm in width. Its properties include its ability to perform in continuously immersed areas.

Its bonding properties ensure good adhesion to substrate when applied; at least one of the substrate must be porous in order to achieve a good cure.

**am** FLEXPROOF 530WB's high solids content further enhances the sound deadening properties. Its modified co-polymer enables a high build coating that helps absorb sound and reduce noise transmission.

### Surface Preparation

- Ensure surface is clean from dust, oil, rust, grease, loose materials, moss etc. Surface should be dry for homogeneous material quality.
- Allow NEW cementitious substrates at least 30 days to fully cure before application.

### Priming

It is good practice to prime surface before applying **am** FLEXPROOF 530WB. Compatible products are very important. **am** FLEXPROOF 521WB is recommended. Good adhesion is critical to avoid blistering.

Apply **am** FLEXPROOF 521WB in a continuous application. Allow primer to dry. More than one priming is sometimes necessary. If the original surface has a high degree of porosity, a second thinned seal coat should be applied. Thinner for **am** FLEXPROOF 521WB : Xylene, White Spirit or Kerosene. If unsure, please check.

## Coating

- Stir emulsion well before use. Some liquid may be observed on the surface.
- Application by roller or brush. Where spray application is preferred, use larger nozzle size.
- Apply the first coat of **am** FLEXPROOF 530WB at right angle to the primer coat. Allow to dry between coats and apply each coat at right angle to the previous coats.
- **am** FLEXPROOF 530WB must be applied into any outlets, recesses, edges, joint intersections and penetration to ensure a watertight fit. Where substrate surfaces meet the upturn, **am** FLEXPROOF 530WB should flash a skirting of at least 15 cm vertically.
- Protect from rain and frost until cured.
- The set-to-touch time is 1 to 2 hours and the curing time is 24 hours.

*If an exposed waterproofing system is required, allow the second coat of **am** FLEXPROOF 530WB to be cured for 24 hours, then apply the **am** FLEXPROOF 555AC – Acrylic Polymer Coating as the topcoat. Do not dilute this coating.*

## TYPICAL PROPERTIES

Total Solid Content	Minimum 65%
Water Penetration	Zero. No water penetration
Water Vapour Transmission	Less than 15 gm/m <sup>2</sup> day
Adhesion to Substrate	0.4 N/mm <sup>2</sup>
Tensile Strength	Minimum 5 N/mm <sup>2</sup> (with <b>am</b> GlassFibre Netting)
Elongation	Minimum 500%
Crack Bridging	No cracks at 2mm and after 10 cycles of stretching and closing to a width of 1mm
Hardness Shore A median	56 (with GlassFibre Netting)
Turpentine/Alkaline Resistance	Good
Heat Resistance	No sagging, blistering or slipping
Water Resistance	No dispersion, blistering or re-emulsification
Fire Resistance	No combustion or rundown, coating charred in place

## PACKING AND COVERAGE

**am** FLEXPROOF 530WB comes in 18 Kg pail. For 1 Kg of **am** FLEXPROOF 530WB, it can covers 1.2 m<sup>2</sup> to 1.6 m<sup>2</sup> per coat (dependent on substrate condition).

## SHELF LIFE

Min. 06 months if stored properly in unopened



022 - 021  
Eco-Friendly Building Material  
Minimum 20% Recycled Content

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Revised 3-Aug' 2020



ISO 9001 : 2000 Cert.No. : 421453a



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