ADCO ABKote 542
Acrylic Bitumen Blend Waterproofing Emulsion

DESCRIPTION
ADCO ABKote 542 is a blend of bitumen emulsion and acrylic emulsion which, when used in conjunction with a reinforcing fabric, produces a highly elastic film which is impervious to water.

TYPICAL USES
ADCO ABKote 542, reinforced with an approved geotextile layer, is an excellent sealing compound. It is recommended for waterproofing of:
- Parapet walls
- Flashings
- Non-trafficable concrete and flat roofs
- Sealing of laps, screw holes and joints on corrugated roofs

SPECIAL CHARACTERISTICS
- Highly resistant to degradation by UV rays
- Flexible under all ambient temperatures
- Easy to apply
- Available in three colours (Grey, charcoal and red)
- Thixotropic - will not flow on vertical walls
- Resists fungus and mould growth
- Non-toxic
- All-in-one system - no primers or top coat required (except with metal which may require a rust inhibitor)

SURFACE PREPARATION
Remove all dust, dirt, flaking paint and laitance. Moss and lichen should be removed and the surface treated with a suitable fungicide. The fungicide should be allowed to dry before commencing the ADCO ABKote 542 treatment.

PRIMING
Non-metal surfaces:
Prime the surface with a diluted coat of ADCO ABKote 542 (1 part water : 1 part ADCO ABKote 542).

Metal surfaces:
Prime with a suitable anti-rusting agent according to manufacturer’s specification. New galvanised iron roofs should be degreased with an approved degreasing agent.

APPLICATION
1. Apply the first coat at a rate of 1 litre per m² and while still wet, imbed the ADCO Membrane 595 into this coat by means of a fluted roller, flat roller or stiff brush.
2. Once dry, apply a saturation coat of ADCO ABKote 542 at approximately 0.7 litres per m².
3. Apply a final coat at approximately 0.5 litres per m² at right angles to the saturation coat.

NOTES
i) Do not apply if rain is imminent. Ideally ADCO ABKote 542 should be applied in sunny weather.
ii) Do not apply to tar-based materials unless they have weathered for two to three years.
iii) Brushes or brooms should be washed in clean water immediately after use. Once dry, paraffin or white spirits may be needed. (Do not use solvents during application).
SPECIFICATION

Product type: Durable and elastic blend of acrylic and bitumen emulsions
Colour: Charcoal, grey and red
Coverage: 2.2 litres per m²
Drying time: 2 - 3 hours out of doors
Flash point: Non-flammable
Solids content: 50% m/m min
Viscosity: 110 - 130 kreb units (soft paste)
Mass per litre: 1.1 - 1.2 kg
Availability: 1 litre, 5 litre, 20 litre and 200 litre containers

SAFETY

ADCO ABKote 542 is not considered dangerous nor toxic; however standard industrial precautions apply such as protective clothing, gloves and eye goggles.
Remember: Keep out of reach of children, handle responsibly and consider the environment.

UPDATE

May 2017.
This supersedes all previous documentation.