

EAMIPROOF AR 900

Elastomeric Waterproof Membrane

Product Description

EAMIPROOF AR 900 is an acrylic-based, waterproofing and sealing membrane, ready to use from the container. Available in two colors – grey and white as standard colors or any color under request .
This allows for ease of identification between coats and can be used as a quality control tool on job sites.

Uses

- Provides a totally waterproof system, ideal to be used with EAMIPROOF PUR FOAM as a water & thermal proof roof system.
- Can also be used to waterproof balconies, terraces, concrete roofs and bathrooms.

Product Features

- Ready to use waterproofing membrane.
- Elastomeric and extremely flexible membrane.
- Prevents surface water penetration.
- Non- hazardous, water-based product.

Guide for Application

Surface Preparation

General

All surfaces must be structurally sound and free from dirt, dust, laitance, grease, paint, wax, oil and any other loose contaminants.

Prior to application, remove all sharp protrusions, which may punch the membrane.

Any gaps/voids in the substrate must be treated, such that the gap/void is fully supported and firmly filled out.

Concrete

All new concrete slabs must be allowed to cure for at least 2 weeks and have a wood float finish. Old concrete must be cleaned with a strong commercial grade detergent or degreaser. Then thoroughly wash off all residue with clean water.
Allow the surface to dry for at least 24 hours. If the concrete has a steel trowel or power float finish, it must be mechanically abraded to expose the aggregate.

Render

New rendered surfaces must have a wood float finish and be allowed to cure for at least 7 days.

Polyurethane Foam

Allow the surface to be cured for 24 hr. before applying EAMIPROOF AR 900.

Metal Surfaces

All metal surfaces must be totally free of rust. Prime metal surfaces with etching primer.

Cracks/Joints - NOT subject to movement.

Small hairline cracks, up to 1mm wide, may be filled by the first application of EAMIPROOF AR 900.

For cracks/joints wider than 2mm, an acrylic sealant Tremflex 834 should be applied along the length of the crack prior to the application of EAMIPROOF AR 900.

Cracks/Joints - subject to movement.

All cracks/joints, irrespective of their width, must be filled firstly with Tremflex 834 (Acrylic Sealant).

Then 50mm wide polyethylene/polypropylene tape should be placed over the crack, ensuring it adheres to the surface.

Technical Properties

| | |
|--------------------------------------|--|
| Appearance | White or Grey Viscous Liquid as standard colors |
| Specific Gravity | 1.35 ± 0.05 @ 25° C |
| Re-Coat Time @ 25° C | 4 hours |
| Drying Time 25° C | 24 hours |
| Elongation (7 days dry) | 300±50% (without reinforcing) |
| Tensile Strength (7 days dry) | 1.8 MPa (with reinforcing) 2.2Mpa (without reinforcing) |

Falls to Drain

In all wet areas, it is important that falls be provided to the drain outlet. The slope of this fall should be equal to a 10mm fall over 1m. Once the screed is in place, apply the membrane as per instructions below. Contact EAMIC Technical Department for more information on an appropriate screed mix should this be required.

For rooftops, it is important that falls be provided to the edges or the drain outlet.

The slope of this fall should be 1:100 – which equates to a 10mm fall over 1m. If the existing substrate does not provide the necessary falls, a sand/cement screed needs to be created. Once the screed is in place, apply the membrane as per instructions below. Contact EAMIC Technical Department for more information on an appropriate screed mix should this be required.

Application Priming

Porous surfaces should be primed using EAMIPROOF AR 900 diluted. This can be applied via brush, or short nap roller to cover the substrate. One litre of EAMIPROOF AR 900 Primer will cover approximately 8-10m of surface – depending on the porosity and texture. Allow the primer to become tacky for approximately 30 minutes prior to application of the membrane.

General Application

Use a thick brush or roller to apply first coat of EAMIPROOF AR 900 on the area to be sealed. Allow to dry for approximately 4 hours at 25°C. Then apply a second coat of EAMIPROOF AR 900 at a 90 angle to the previous coat and allow to dry for 24 hours at 25°C

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied. This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it. Max liability is limited to substituting the same quality of material.

Ponding

If pond testing is required, ensure the membrane is allowed to cure for a minimum of 3 days before pond testing.

Coverage

20 Kg. of EAMIPROOF AR 900 will cover approx. 10-12m². Coverage rates are dependent on the surface conditions.

PACKAGING

EAMIPROOF AR 900 is available in 20 Kg packs

Shelf Life

Up to 12 months in an unopened container, stored in a cool dry place.

Cleaning

Tools and excess EAMIPROOF AR 900 can be cleaned up with water while it is still wet.

Precautions

- Do not allow the product to freeze.
- Do not apply if the temperature is in excess of 40°C or less than 5°C.
- Do not thin, it is supplied ready for use.

Health and Safety

- EAMIPROOF AR 900, is water base.
- It is non-flammable and non-toxic.
- Any splashes on skin should be washed with water.
- Seek medical assistance in case of contact with eyes after washing it with running water.

EAMIC TRETOL

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