

CHRYSO® ARMOURFLEX EPDM

EPDM Based Waterproofing Roof And Lining Membrane



Description

CHRYSO ARMOURFLEX EPDM is rubber based pre-fabricated membrane .It is a single ply membrane made of Ethylene-Propylene-Diene terpolymer.

Indicative Characteristics

Thickness	1.1 / 1.5 mm
Tolerance on nominal thickness, %, ASTM D 412	± 10
Tensile Strength, Min. (MPa), ASTM D 412	~ 9
Elongation, Ultimate, Min %, ASTM D 412	300
Tear Strength, Min (KN/m), ASTM D 624	27
Ozone resistance – condition after exposure to 50PPHM ozone in air for 166 hours @ (40°C) at 50% Extension, ASTM D 1149	No Cracks
Resistance to water adsorption after 7 days immersion @ (70°C) change in mass, max %, ASTM D 471	<+8

Domains of Application

- Large flat roofs of concrete and metal sheets
- Terrace gardens
- Basements and podium waterproofing
- Any water retaining structure e.g. lakes, water reservoirs.

Method of Application

Surface Preparation

- The surface to be waterproofed must be completely cleaned and should be free from dust, oil, protruding ribs, nails etc.
- Any visible cracks/voids should be filled with **CHRYSO ARMOURCRETE** mortar
- Use CHRYSO PRIME EPDM for lap joint and adhering to concrete surface as and when required.

Advantages

- High tensile and tear resistance
- Elastomeric membrane with a good combination of high elasticity and tensile strength
- Retains its flexibility at low temperature (-45°C)
- Excellent resistance to UV and ozone
- Good chemical resistance
- Quick installation and environment friendly
- No maintenance required
- Low dead load on roof
- Withstands the movement in the structure due to its higher elongation property

Shelf Life & Storage

Several years from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

Packing

1.2 m X 30m ROLL, (3mx30m, 6mx30m are also available for bulk supply)

Safety

Before use, refer to the Material Safety Data Sheet. The MSDS is available on www.chryso.com

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.chryso.com

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