

## Gray Coat

# Single Component Liquid Applied Waterproofing Membrane

### Technical Data

| Properties  | Test Method           | Technical Data  |
|---|-----------------------|---|
| Solids (Wt%)  |                       | 51  |
| Colour & Appearance Wet                             |                       | Gray, Soft Cream (V) Or Cream Liquid (H)  |
| Colour & Appearance Cured                           |                       | Light Gray, Strong, Flexible Translucent Film   |
| Bond Strength (Elcometer) To Concrete               |                       | >95 Psi (>0.66 Mpa)   |
| Tensile Strength                                    | ASTM D412             | 390 Psi (2.73 Mpa)  |
| Elongation  | ASTME D412            | 340%  |
| Hardness Shore A                                    | ASTM D2240            | 77  |
| Water Vapour Permeance                              | ASTM E96, PROCEDURE B | 0.5956 Perms Or 34.2 Ng/Pa.S. M <sup>2</sup>  |
| Plastic Flow (@60°C For 5 Hrs) (Concrete Substrate) |                       | None  |
| Low Temperature Flexibility & Crack Bridging        | ASTM C957             | Complies  |
| Service Temperature                                 |                       | From -25°C(-13°F) To 95 °C (201°F)  |
| Application Temperature                             |                       | Above 0°C (32°)   |
| Chemical& Environmental Resistance                  |                       | Excellent Resistance To Salts, Alkali, Diluted Acid, Fungi, Bacteria.<br>Poor Resistance To Aromatic Solvents |
| Coverage  |                       | 13.94 M <sup>2</sup> (150 Sq.Ft.)/ 20   |
| Application Rate                                    |                       | Liter Pail  |
| Wet Film Thickness                                  |                       | 60 Mil (1.53 Mm)  |
| Cured Film Thickness                                |                       | 30 Mil (0.77mm)   |

## Description

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**GRAY COAT** is a single component liquid applied, water based, waterproofing membrane. **GRAY COAT** uniquely combines the features of a sealer and an elastomeric waterproofing membrane. Its high solid and low viscosity make this material effective for waterproofing and sealing concrete, asphalt, wood, metal and other common surfaces. **GRAY COAT** is easy to apply and when cured, it provides a tough, highly flexible seamless membrane, with excellent adhesion to most substrates. **GRAY COAT**, when fully cured, is highly resistant to water and salts. **GRAY COAT**, is water based and does not contain any volatile or harmful solvents, thus eliminating health and environmental consideration during application.

## Usage

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**GRAY COAT** has been specifically formulated as a waterproofing membrane. It may be applied to all common surfaces and suitable for both new construction and restoration.

Typical applications include below grade foundation wall waterproofing, horizontal, sloped and vertical surfaces such as:

- Below grade walls
- Mechanical rooms
- Between slabs
- Shower rooms
- Planters
- Reflection pools
- Podium decks
- Balconies
- Reservoirs and tanks
- Asphalt, tiles etc.

## Limitations

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**GRAY COAT** is not designed to perform as a membrane for permanent exposure to UV or heavy traffic. In such applications, the use of **GRAY COAT** in combination with traffic topping wearing course or exterior weather resistant surface is required.

Do not apply when surface and air temperature is below 1°C (35°F). Fresh membrane must be protected for freezing or heavy rain. Do not apply when rain or severe drop in

