



## **MATERIAL**

Grey Liquid Roofing Membrane is an acrylic emulsion which is applied in two coats either by brush or spray to new or existing substrates. Within two to eight hours of application, dependent on weather conditions, the material dries to a tough but elastic film immediately protecting the roof from the ingress of water.

The resultant membrane has good resistance to weathering, acidic, or sulphur dioxide concentrations likely to be found in industrial atmospheres, mold growth, penetration by fire and spread of flame.

## **SCOPE OF USE**

The membrane is suitable for application over most types of flat or sloping roofs. It can be applied to:

- Aluminum
- Asbestos cement sheets
- Asphalt
- Bitumen (unstable surfaces)
- Clay and concrete tiles
- Concrete
- Copper
- Corrugated iron
- Glass
- Lead
- Metal decking
- Roofing felt
- Slates
- Timber
- Zinc
- Various Insulants

The following detail work can also be treated:

- Bolt Heads
- Brick Work
- Flashings
- Glazing Bars
- Gutters
- Stone
- Translucent Sheets
- Vent Pipes

### **CHARACTERISTICS**

This material is usually applied in two coats of different colors in order to ensure complete and adequate coverage.

• Thickness (dependent on the substrate)		
Wet Film	0.55mm per coat	
Dry Film	0.65mm finished work	
• Weight (dependent on substrate)	0.845 kg/m <sup>2</sup> finished work	
• Density (wet film)	1280 kg/m <sup>3</sup>	
• Tensile Strength	90N/mm <sup>2</sup>	
• Elongation at Break	700%	-BS 3411
• Adhesion	In Excess of 0.68N/mm <sup>2</sup>	-BS 3900 part F3 1971
• Brittle Temperature	-15°	
• Vapor Diffusion resistance	42.3g/m <sup>2</sup>	-BS 3177
• Liquid Water Permeability	0.07 × 10 <sup>-6</sup>	-BS 3900 F3 1973
• Artificial Weathering	Very good resistance	-BS 3900 F3 1971
• Mould growth resistance	Excellent	-BS 1982 Part 3
• Fire resistance	F.A.A	-BS 476 Part 3 1958

• Sulphide staining	Excellent resistance	-BS 1391 Part 3 1952
• Acidic Atmospheres	Good Resistance	-BS 1391 Part 3 1952
• Colors	Grey	

