

**FIBRE REINFORCED ELASTOMERIC WATERPROOF BARRIER**

**FLEXIBLE CRACK BRIDGING MEMBRANE  
COMPATIBLE WITH MURALFLEX PROTECTIVE  
BARRIER 684/4  
TOUGH, DURABLE AND IMPACT RESISTANT  
EXCELLENT ADHESION TO CONCRETE MASONRY  
AND ROOFING MATERIALS**

**PRINCIPAL USES**

Waterproofing of exterior concrete and plastered walls to create a water impervious barrier, prior to overcoating with Muralflex long life protective barrier. Recommended for high rise structures exposed to high humidity, coastal environments and industrial fallout e.g. hotels, hospitals, etc.

**SURFACE PREPARATION**

All surfaces must be clean, dry and sound. Remove dust, dirt, salt deposits, industrial fallout and chalking with sugar soap solution and rinse with clean water. High pressure water washers at 150 bar may be necessary. Repair all cracks and holes with Pro-Struct 684/1 Crack Filler. Repair all spalled concrete surfaces with Pro-Struct 528 VO Structural Concrete.

**PRIMER**

Apply Pro-Struct 689 Alkali-resistant Penetration Primer to all repaired patches, exposed concrete and plastered surfaces.

**WATERPROOF BARRIER COATING**

Apply a generous first coat of Pro-Struct 680FR by brush, medium nap roller or airless spray at approximately 3m<sup>2</sup> per litre and allow to dry for 4 to 6 hours. To ensure thorough sealing of the system, apply a second coat of Pro-Struct 680FR at approximately 3m<sup>2</sup> per litre, ensuring even spread and uniform appearance.

**LONG LIFE TOPCOAT**

Apply a minimum of two coats of Muralflex 684/4 High Build Protective Barrier pigmented with inorganic pigments to give a durable, weather-proof protection. For reducing concrete carbonation, 150 micron dry film thickness will be required.

**CLEANING**

Clean tools immediately with water.

**CAUTION**

Always apply during good weather conditions and avoid applying if rains are expected within 12 hours.

**TYPICAL PROPERTIES AT 25°C**

<b>Finish</b>	Semi Gloss
<b>Colours</b>	Charcoal and White
<b>Type</b>	Flexible reinforced resin
<b>Drying Time Surface</b>	4-6 Hours
<b>Volume Solids</b>	45%
<b>Application Temperature</b>	10°C to 35°C
<b>Theoretical Wet Film Thickness</b>	666 microns wet in 2 coats
<b>Total Dry Thickness</b>	300 microns
<b>Apply By</b>	Brush, roller or airless spray
<b>Apply Over</b>	Clean, dry, sound masonry and clean galvanized steel surfaces
<b>Thinner</b>	Water
<b>VOC Content</b>	6g/l
<b>Shelf Life</b>	12 Months