Proofex® 6100

**Heat resistant, self-adhesive bituminous sheet waterproof membrane**

**1.00 Heat resistant Waterproofing**

Where so designated on the drawings, surfaces shall have a self-adhesive bituminous sheet waterproofing membrane applied. The membrane will be heat resistant to allow for asphalt to be applied directly to the applied membrane when required.

**1.10 Surface Preparation**

 All surfaces to which the waterproofing membrane is to be applied shall be dry, clean, sound and free from loose material, surface irregularities and contamination such as oil and grease.

 Correct priming of the prepared surfaces is recommended to ensure maximum adhesion using a suitable material recommended by the membrane manufacturer.

 All floor to wall junctions, internal and external corners, are to be detailed in accordance with the material manufacturer’s product data sheet.

 Any sealant used must be fully compatible with the nominated membrane.

**1.20 Waterproofing Membrane**

 The waterproofing membrane is to be a self-adhesive 1.65mm thick SBS modified bituminous sheet incorporating a polypropylene mesh for added strength and heat stability.

 It shall exhibit the following properties:

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| --- | --- |
| **Breaking Strength (ASTM D1000):** | >12 N/mm |
| **Elongation at Break (ASTM D1000):**  | >20% |
| **Hydrostatic Pressure Resistance (ASTM D5385):** | >650 kPa.hr |
| **Adhesion (ASTM D1000):** | 4.0 N/mm |
| **Water Vapour Transmission (ASTM E96):** | 0.07 g/m2.hr |
| **Service Temperature:** | -10oC to 95oC |

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1.21 The waterproofing membrane shall be applied in accordance with the manufacturer’s product data sheet.

**1.30** **Fosroc Proofex 6100** and **Primer 24 (primer)** meets the performance criteria and are approved.

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