Proofex® S

**Self-adhesive bituminous tape for pre-cast concrete**

**1.00 Joint sealing tape for pre-cast concrete**

Where so designated on the drawings, joints in pre-cast concrete shall have a self-adhesive bituminous sealing tape applied across the joints to assist waterproofing and keep the joints clear of foreign matter.

**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.

**1.20 Bituminous sealing tape**

 The waterproofing membrane is to be a 1.65mm thick bituminous sheet incorporating a woven polypropylene backing for added strength and 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 S** and **Primer 24 (primer)** meets the performance criteria and are approved.

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