Proofex® Torchseal A300

**Base sheet membrane for heat sensitive substrates in multi-layer torch-on waterproofing systems**

**1.00 Base Sheet Membrane for Heat Sensitive Substrates**

Prior to the installation of the nominated torch applied waterproofing membrane, the areas nominated on the drawings shall have a base sheet membrane applied, to which the nominated torch applied waterproofing is installed.

**1.10 Surface Preparation**

 All surfaces to which the base sheet is to be applied must be smooth, free from contaminants and loose material.

 Rough concrete must be faired up before commencing application.

 Existing membrane shall be clean. All blisters and defects in the old membrane must be cut out and repaired as required to provide a good sound substrate to which the new membrane system may be applied.

 Timber substrates may require priming – refer to the base sheet manufacturers product data sheet.

**1.20 Base Sheet Membrane**

 The base sheet membrane shall be manufactured by co-extrusion of a polymer - bitumen compound and a non-woven polyester reinforcement. This non-woven polyester constitutes the lower face of the

 membrane which is used to adhere the membrane to substrates or mechanically fixed.

 The polyester fabric creates a micro air- space between the membrane and the substrate through which vapour may easily escape.

 The base sheet membrane shall exhibit the following properties:

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| **Mass:** | >1.6kg / m2 |
| **Flow resistance at elevated temperature (EN 1110):** | ≥ 120°C |
| **Flexibility at low temperature (EN 1109):** | ≤ minus10°C |
| **Tensile strength (EN 12311-1) N/50 mm:** | longitudinal: 650 (±20%)transverse: 500 (±20%) |
| **Tensile elongation (EN12311-1):** | longitudinal: 45% (±15%)transverse: 45% (±15%) |
| **Dimensional stability (EN1107-1):** | ≤0.5% |
| **Resistance to tearing (EN12310-1):** | longitudinal: 160 N (±30%)transverse: 180 N (±30%) |
| **Impermeability to water (EN1928 B method):** | ≥ 60 kPa |

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

**1.20** **Fosroc Proofex Torchseal A300** meets the performance criteria and is approved.

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