Nitoproof® 210

**Waterproof membrane for below ground**

**1.00 Below ground waterproofing membrane**

Where so designated on the drawings, surface shall be waterproofed with a water based, rubberised bituminous liquid waterproofing membrane designed for below ground applications.

**1.10 Surface Preparation**

 All surfaces to which the waterproofing membrane is to be applied shall be, 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 wall to wall and floor to wall junctions, internal and external corners, are to incorporate an elastic, preformed corner and joint band into the membrane system, to accommodate any movement at these junctions.

 Alternatively, apply a suitable polyurethane sealant caulking fillet to these junctions. The sealant must be isolated from the membrane using 50mm wide polyethylene tape.

**1.20 Waterproofing Membrane**

 The waterproofing membrane is to be a single component, water based, rubberised bitumen, liquid applied membrane incorporating a root penetrating inhibitor.

 It shall exhibit the following properties:

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| --- | --- |
| **Solid content:** | 60% |
| **VOC content:**  | <15g / litre |
| **Tensile strength (cured):** | 1.47 MPa |
| **Shore A hardness (cured):** | >50 |
| **Elongation (cured):** | >300% |

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

**1.30** **Fosroc Nitoproof 210** with **Nitoband (reinforcement system)** and **Nitoseal PU250 (polyurethane sealant)** meets the performance criteria and is approved.

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