Nitofill® PU150

**Hydrophilic polyurethane grout for leak sealing**

**1.00 Leak Sealing Hydrophilic Grout**

The system utilises a hydrophilic polyurethane resin which reacts with available water after being injected into prepared leaking cracks and voids in concrete through injection packers / ports.

**1.10 Hydrophilic Polyurethane Resin**

1.11 The leak sealing injection material shall be a polyurethane resin, which reacts with any available water in cracks to form a semi-flexible foam seal.

 Once injected, the material will foam up to 25 times its original volume.

 The cured foam shall exhibit the following characteristics at 250C when mixed with equal parts water:

|  |  |
| --- | --- |
| Specific gravity (Resin) (ASTM D-1475):  | 1.07 |
| Tensile strength (ASTM D-638): | 1.17MPa |
| Elongation (ASTM D-638): | 400% |
| Viscosity of resin (ASTM D-1638): | 650 cps |
| Gel Time (minutes:seconds): | 3:05 |

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1.12 The injection system shall be applied in accordance with the manufacturer’s product data sheet.

**1.20** **Fosroc Nitofill PU150** meets the performance criteria and is approved.

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