

SWELLTITE HYDROPHILIC WATERSTOP

Description

Swelltite Hydrophilic Waterstop is manufactured from a Neoprene Polymer based hydrophilic compound and high water absorbent resins. Swelltite has been specifically designed for use in sealing construction joints between pre-cast concrete units, steel and in-situ concrete. Unlike traditional waterstops, Swelltite is centrally placed and bonded flat in the joint prior to making the second pour, activated by water Swelltite will swell up to 5 times its volume and seals the passage of water by exerting pressure across the joint.

Uses

Swelltite was primarily developed for use to provide a watertight seal between pre-cast concrete units such as concrete pipes and tunnel segments, however it can be installed into a previously formed rebate for use in-situ concrete.

Application Instructions

Surface must be smooth, dry and free of contamination. Remove the release paper from the Swelltite and press firmly into position. Joints in Swelltite must be butted tightly for continuity. Where concrete is to be placed against Swelltite there must be a minimum of 75mm concrete cover.

Technical Information

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| Expansion: | 5 Times Volume |
| Colour: | Black |
| Size: | 20mm x 5mm section |
| Roll Size: | 15 metres |
| S.G.: | 1.62 |
| 25% Compression load - 10 plus or minus 2 Kgf/ 20mm | |
| Coefficient of water expansion = 5 times | |

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Local technical representatives are available to provide further assistance.



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