

Hydrotite

DESCRIPTION

Hydrotite is a unique swellable hydrophilic waterstop with unmatched durability and water sealing capacity. Hydrotite expands as it absorbs water, sealing joints in concrete from water ingress.



FEATURES

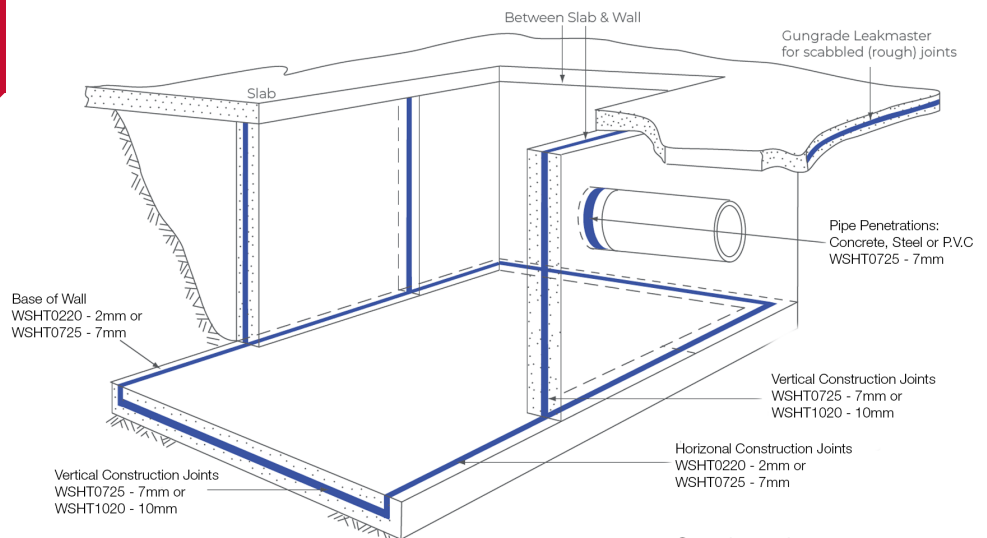
- Easy to handle and install
- Excellent adhesion to concrete surfaces
- Unaffected by repeated wet dry cycles
- No onsite welding is required to join
- Has a delay coating to help prevent premature expansion
- Extra delay coating available for very wet conditions, if required.
- Changes colour as a visual alert to let you know it has expanded.
- Capable of sealing heads of water up to 30m

AREAS OF APPLICATION

Hydrotite is to be used where watertight integrity is the prime issue. Typical applications where there is a need to achieve a water seal include:

- | | |
|-----------------------------|---------------|
| • Sewerage Treatment Plants | • Tunnels |
| • Water Treatment Plants | • Reservoirs |
| • Swimming Pools | • Water Tanks |
| • Subway Stations | • Pits |
| • Pipe Penetrations | • Basements |

Note: The product's design and performance, its intended use, installation and final confirmation and approval for use, must be provided by the project's Design Engineer and project Manager.



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PROFILES



RSS Profile



2mm Profile

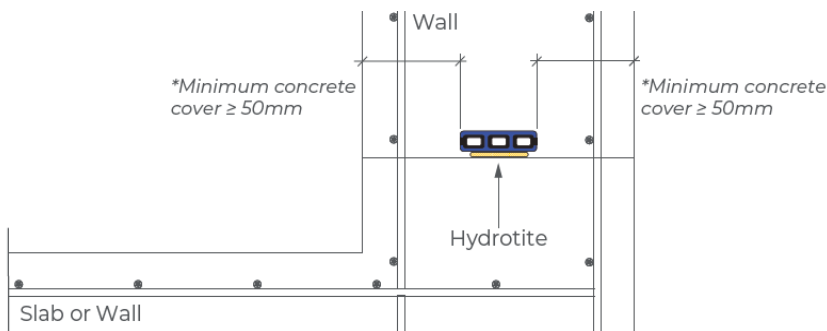
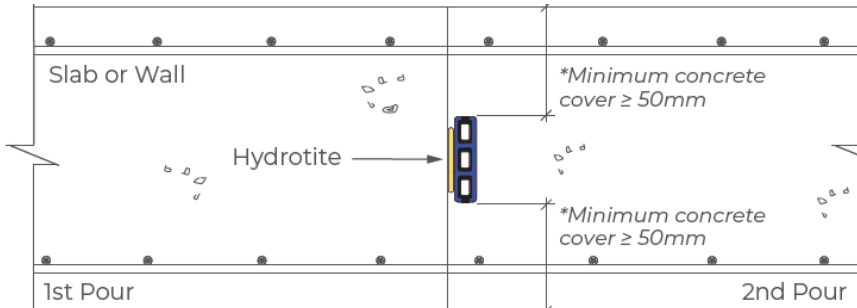


7mm Profile




10mm Profile

TYPICAL APPLICATIONS



STANDARD SIZES

Code	Description	Pack Qty
		
WSHT0220	WATER SWELLING PROFILES - Hydrotite 2mm x 20mm x 25m Roll	4
WSHT0725	WATER SWELLING PROFILES - Hydrotite 7mm x 25mm x 10m Roll	4
WSHT1020	WATER SWELLING PROFILES - Hydrotite 10mm x 20mm x 10m Roll	5
WSHTLM	WATER SWELLING PROFILES - Hydrotite Leakmaster LV-Z 320ml Cartridge	6
WSHTRSS16	WATER SWELLING PROFILES - Hydrotite Round 16mm x 10m	2
WSHTRSS20	WATER SWELLING PROFILES - Hydrotite Round 20mm x 10m	2
WSHTRSS25	WATER SWELLING PROFILES - Hydrotite Round 25mm x 10m	2

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TECHNICAL DATA SHEET

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PHYSICAL PROPERTIES

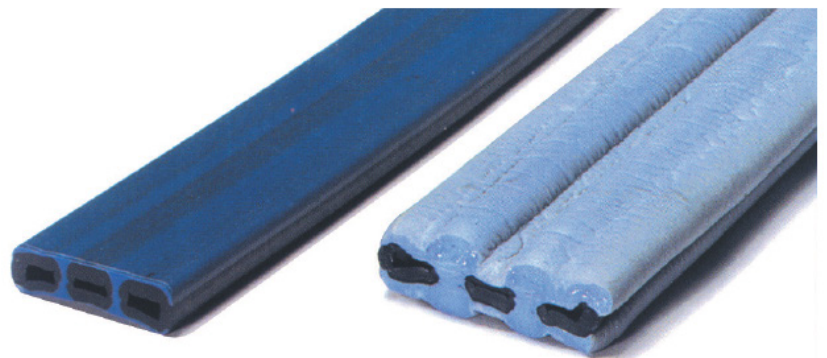
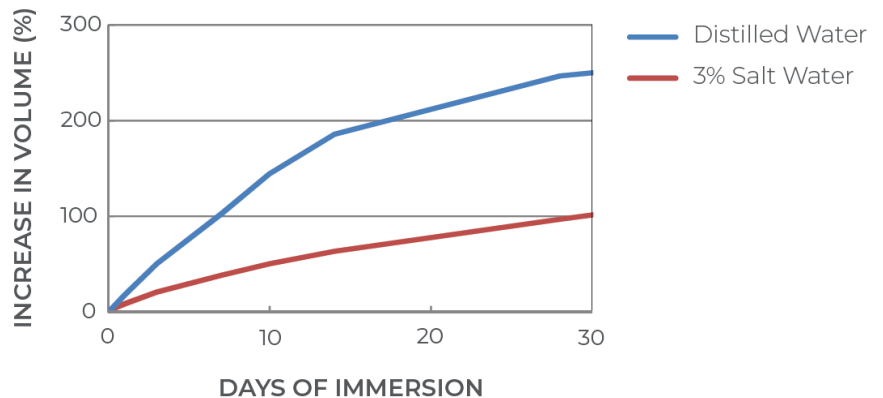
ITEM	UNIT	HYDROPHILIC RUBBER REFERENCES	TEST METHOD
Hardness	(JIS, SPRING A)	50 +/- 5	JIS K 6253
Tensile Strength	MPa	Min. 2.0	JIS K 6251
Elongation	%	Min. 550	JIS K 6251
Expansion	Vol. %	Min. 500	In House Test

EXPANSION PROPERTIES

TEST CONDITION - TESTED 2017

Test Specimen : WSHT0725 (5cm Length)
 Test Water : Distilled water, 3% Salt water
 Water Temp : Room Temperate
 Immersion Period : Max. 30 Days
 Test Method : In House Test

TEST RESULT



Before expansion

After expansion

Allcon products are manufactured to the highest quality, and if used in the correct applications and in accordance with all directions, will produce quality and consistent results. However Allcon Group Pty Ltd accepts no responsibility for inappropriate usage or faulty workmanship by the end user.

Product: Hydrotite Issue Date: 18 June 2020

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