

Hydrotite Leakmaster

Introduction

Used as an adhesive, filler and watertight sealant in construction joints, repairs and penetrations where a waterstop strip cannot be installed.

Product Description

Leakmaster is a gun-applied, single component sealant that exhibits excellent swelling and sealing properties in its cured state. It retains a rubber-like elasticity to maintain an effective watertight seal throughout its life.

Performance

Leakmaster was developed using the same hydrophilic compounds found in our Hydrotite range of rubber waterstops.

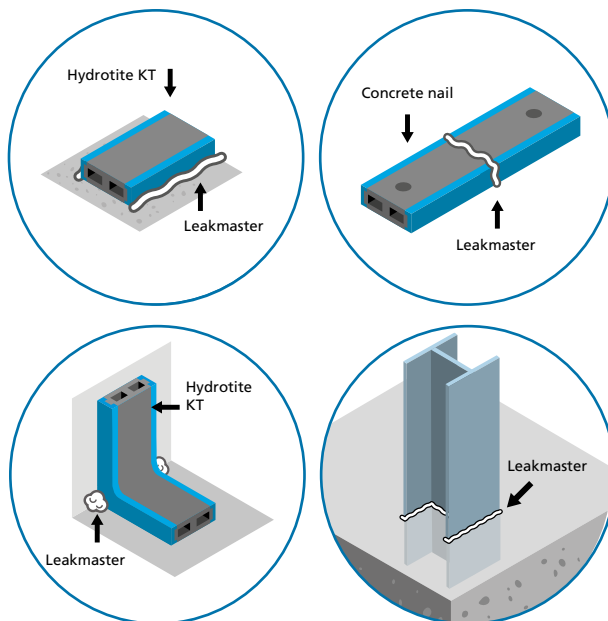
It is intended for use in gaps, irregular joints and in pipe and beam penetrations, where it can be applied accurately using a standard caulking gun.

On application, it adheres readily to a wide range of materials including concrete, steel, glass, mortar and brickwork.

After hardening, its water absorption properties allow it to swell to almost twice its original volume. Because it maintains its elasticity, Leakmaster will continue to provide a 100% watertight seal even under considerable movement and settlement.



Application and Installation



Leakmaster has a broad range of uses in construction and general building projects. Surfaces should be clean, dry and free from dust or laitance. For best results, Leakmaster should be applied in a continuous bead.

Typical applications

- H-section joists and pipe penetrations
- Box culvert joints
- Caulking for water distribution systems
- Cast-in-situ concrete joints
- Filling gaps between Hydrotite waterstop strip and uneven substrate
- Extra adhesion for Hydrotite at flat corners and on vertical or overhead surfaces.

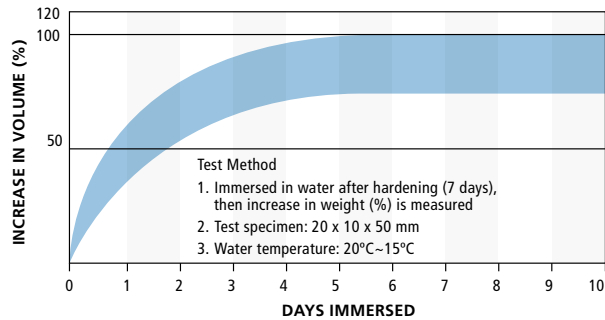
Characteristics

Appearance	Putty-like
Colour	Grey
Specific Gravity	1.30
Extrudability	Within 20 seconds (at 23 Centigrade)
Slump	Max. 3 mm (at 23 Centigrade)
Tack-Free Time	Within 8 hours (at 23 Centigrade, 60% RH)

Properties After Hardening

Hardness	35 (spring-A-Type)	JIS K 6523
Tensile Strength	2.94 MPa	JIS K 6251
Elongation	1250%	JIS K 6251
Tear Strength	9.8 N/mm	JIS K 6252

Swelling Properties



Tests were carried out on a sample of Leakmaster measuring 20 x 10 x 50 mm. The sample was left to harden for seven days before immersion in water at a temperature between 15 and 20 degrees Centigrade.

After ten days' immersion, an increase in volume of 100% was recorded.

Adhesion Properties

	STEEL	ALUMINIUM	MORTAR
50% Modulus (MPa)	0.44	0.64	0.64
Max Tensile Strength (MPa)	0.69	1.20	1.09
Elongation at Break (%)	330	580	570

Packaging and Storage

Leakmaster is packaged in a 320cc cartridge for use with standard caulking guns. There are 24 cartridges, plus cartridge nozzles, in a carton.

Store Leakmaster in a cool, dark, dry place below 32 degrees Centigrade. Use within 24 hours of breaking moisture proof cartridge seal. Check production month on cartridges and discard any older than 12 months.

Information Prices and Ordering

For technical information, prices and to place orders contact our Sales Office on the following:

Tel 08444 630 046

Fax 08443 099 703

Email pozament@tarmacbp.co.uk

Web www.pozament.co.uk

Pozament - Tarmac Building Products Ltd.
Swains Park Industrial Estate, Park Road,
Oveseal Swadlincote, Derbyshire DE12 6JT.

Health and Safety

Contains solvent and may be ignited by sparks or flames before curing. Ventilate adequately before application. Poor ventilation may result in eye and/or respiratory irritation, headache, dizziness and nausea. Always wear gloves and eye protection. Seek medical help if swallowed. Avoid skin and eye contact.

Do not use in potable water storage or pipework. Do not apply to external surfaces. Do not use at temperatures above 40°C or below 5°C.

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