

TECHNICAL DATA SHEET : SWELLMAX WATERSTOP

Issue 1 2019 03 WPTDS26

PRODUCT DESCRIPTION

SwellMAX Waterstop is a bentonite water-stop tape is designed to prevent water ingress through non-movements joints in reinforced concrete structures. SwellMAX is activated by the alkaline in fresh concrete, reacts with water and swells to prevent water ingress through the joints.

TYPICAL USES

- Suitable for use in both vertical and horizontal joints in precast concrete wall panel systems
- Shield-driven tunnels such as subways, water supply and sewage systems, tunnels, cable lying etc.
- Within concrete rafts or slabs
- Basements

ADVANTAGES

-  **INDEPENDENTLY TESTED FOR USE UP TO 7 BAR WATER PRESSURE**
-  **SUITABLE FOR USE IN ALL NON-MOVEMENT CONSTRUCTION JOINTS IN IN-SITU REINFORCED CONCRETE**
-  **SUITABLE FOR VERTICAL AND HORIZONTAL APPLICATIONS**
-  **NO STICKY PROTECTION TAPE TO BE REMOVED PRIOR TO USE**
-  **MAY BE INSTALLED USING ADHESIVE OR FIXING RAIL**
-  **UP TO 500% SWELLING CAPACITY**
-  **APPROVED FOR USE IN CONTACT WITH POTABLE WATER**
-  **REVERSIBLE EXPANSION PROCESS**
-  **INDEFINITE SWELLING AND SHRINKING PROCESS, EVEN DECADES AFTER INSTALLATION**



PROPERTIES

Technical Data	
Colour	Grey
Shore A	
Elongation at Break	
Tensile Strength	
Specific Weight	
Volume of Swelling	Up to 500%
Service Temperature	- 30°C to + 70°C
Resistance	Up to 7 bar water pressure

SUBSTRATE PREPARATION

Joint surfaces must be clean, dry and free from all unsound materials.

APPLICATION

SwellSeal can either be installed with a either a building adhesive*, fitting rails or fitting bars.

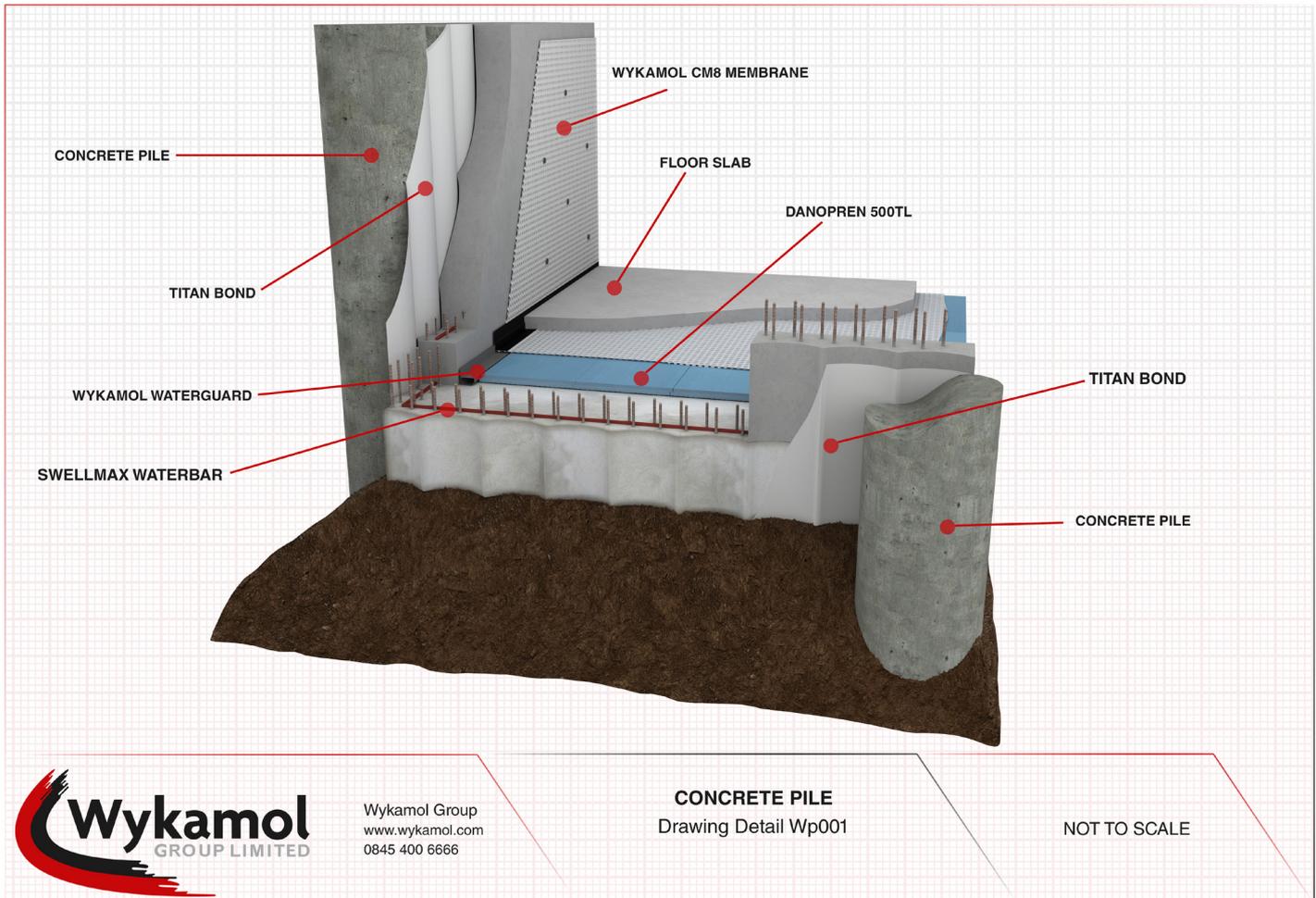
Note: Only operatives that are fully trained and familiar with this product should complete it's installation. For help and advice please contact the Wykamol Technical Department.

**Please discuss product selection of building adhesive with the Wykamol Technical Department.*



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PACK SIZE AND COVERAGE

Pack Size	Product Code	Coverage
20 mm x 25 mm	SWELLMAX20	30 metres

STORAGE

Store in dry conditions, protected from direct sunlight, frost and water, in temperatures > 5°C and < 70°C.

SHELF LIFE

3 years when stored correctly.

HEALTH AND SAFETY

Dispose of waste in accordance with local authority regulations. For further information and advice, please contact the Wykamol Technical Department.

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