

TECHNICAL DATA SHEET : SWELLMAX PLUS WATERSTOP

Issue 1 2019 03 WPTDS27

PRODUCT DESCRIPTION

SwellMAX Plus Waterstop is a bentonite based water-stop tape which has a unique protection coating that prevents premature swelling of the tape for up to 3 days. SwellMAX Plus Waterstop is designed to prevent water ingress through non-movement joints in reinforced concrete structures.



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**
-  **SPECIAL COATING PREVENTS PREMATURE SWELLING FOR UP TO 3 DAYS**
-  **SUITABLE FOR VERTICAL AND HORIZONTAL OVERHEAD APPLICATIONS**
-  **NO STICKY PROTECTION TAPE TO BE REMOVED PRIOR TO USE**
-  **MAY BE INSTALLED USING ADHESIVE OR A FIXING RAIL**
-  **UP TO 500% SWELLING CAPACITY**
-  **APPROVED FOR USE IN CONTACT WITH POTABLE WATER**
-  **NOT STICKY EVEN IN HIGH TEMPERATURES**
-  **INDEFINITE SWELLING AND SHRINKING PROCESS, EVEN DECADES AFTER INSTALLATION**

PROPERTIES

Technical Data	
Colour	Grey
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.

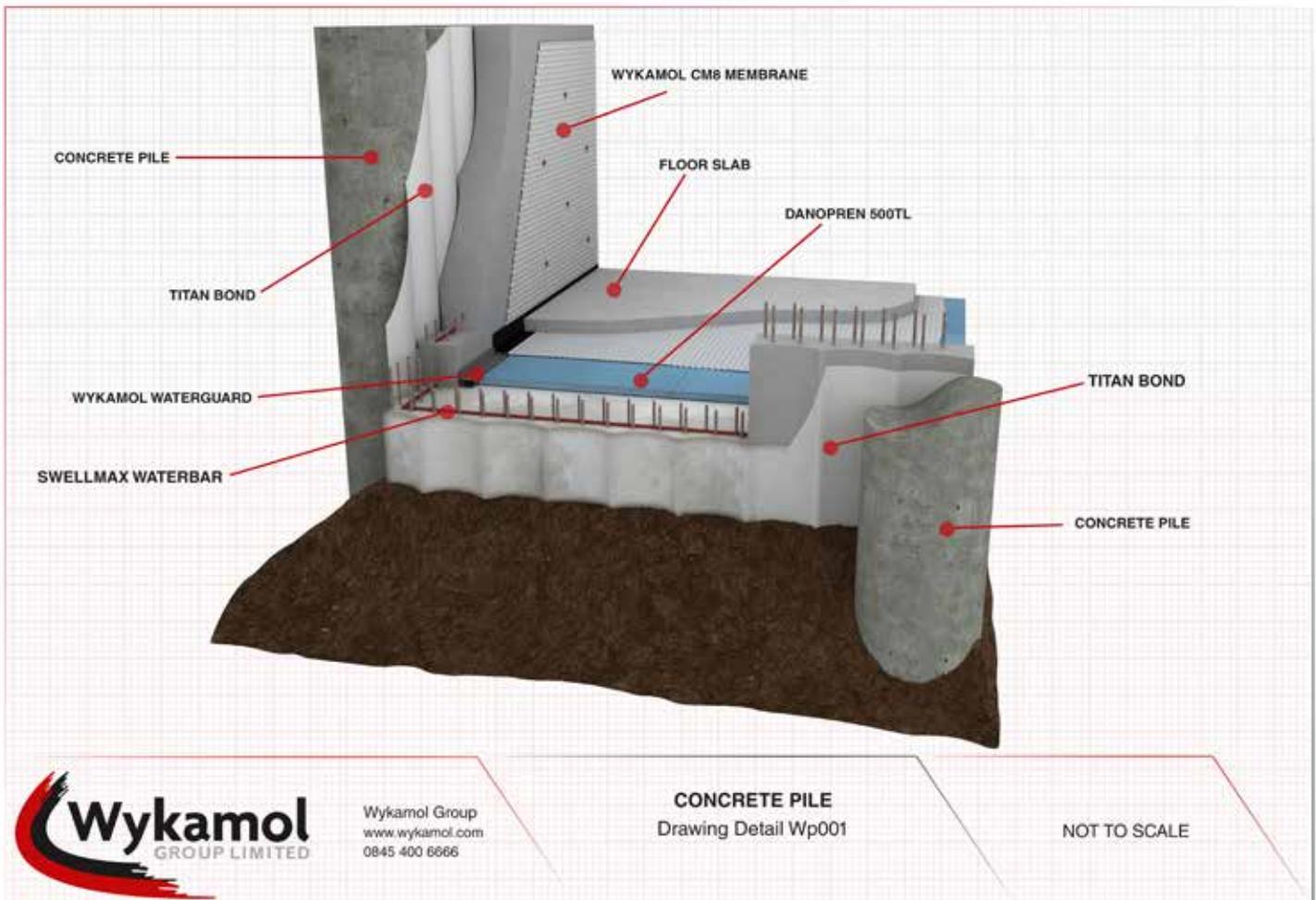
Note: Only operatives that are fully trained and familiar with this product should complete it's installation. For help and advice please contact the Wykamol Technical Department.

**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	SWELLMAXPLUS20	20 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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