PRODUCT
D A T A
S H E E T

TREMCO

Superstop

QUALITY COLD JOINT EXPANDABLE WATERSTOP

Key Benefits Summary

- ☐ Tough and easy to install
- ☐ Eliminates need for splicing, seaming and split form construction techniques
- ☐ Will not displace or deteriorate

PRODUCT INFORMATION

DESCRIPTION

Superstop is a water swelling and resealable waterstop material which forms an effective, permanent seal. When water comes into contact with Superstop, the bentonite clay expands to form an impenetrable barrier which seals against further fluid migration.

BASIC USES

Superstop can be used in cold joints of concrete to prevent corrosion of the concrete reinforcing steel in below grade walls, construction joints for slab-on-grade, water treatment plants, underground vaults, tunnels, sewerage treatment plants and precast concrete panels systems.

LIMITATIONS

Standard Superstop should only be used in applications where the ground water is not contaminated. In those areas where saltwater or organic contaminated water is expected, please contact Tremco for recommendations. Tremco Technical Department will furnish water analysis from your sample. Details and installation assistance is available upon request. Superstop should be used in areas fully confined in concrete by a minimum of 25mm for the 13mm size and 51mm for the 19mm size.
Any exposed length of Superstop which has been allowed to hydrate and significantly swell should be given ample time to dry before placement of concrete. Proper installation should include adhering the Superstop to clean, dry concrete with Paraprimer or nailing at 300mm o.c. or both to avoid any displacement during the concrete placement.

PACKAGING

Superstop is available in 13mm (1/2") thickness and 19mm (3/4") thickness.

	13mm	19mm
Dimensions	25mm x 13mm x 6.1m	25mm x 19mm x 4m
Weight	.52Kg/m	.74Kg/m
Carton Contents	61 lin m	39.6 lin m
Carton Weight	31.7Kg	31.7Kg
Carton Size	406 x 406 x 279mm	406 x 406 x 279mm

USAGE GUIDELINES

INSTALLATION

Superstop is well suited for use in most types of cast-in-place and below precast concrete installations. Superstop must be confined on all four sides.

Joint surfaces where the Superstop is to be installed should be trowelled smooth. Remove all debris and sweep the surface prior to installation. Paraprimer should be applied to a clean surface prior to adhering Superstop, especially on vertical joints.

Remove release paper, exposing the adhesive. Superstop roll ends are simply butted together. Nail 300mm o.c.

TECHNICAL INFORMATION

Physical Properties	Value	Test Method
Specific Gravity at 25°C	1.75	ASTM D-71
Softening Point	100°C	ASTM D-30
Flash Point	None	ASTM D-93-97
Application Temp. Range	-17.8°C to 110°C	
Service Temperature Range	-40°C to 110°C	
Colour	Grey/Black	
Tear Strength	31.7 Kgs	
% Elongation-Ultimate Failure	50%	ASTM D-638 Type 4
Water flow through a concrete joint with 30m waterhead	No Flow	ASTM D-751 Method A
Adhesion to concrete		Excellent Use Paraprimer

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specifications of products. For more detailed information or service and advice call Customer Service on (02)9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

We warrant our products to be free of defects and manufactured to meet published physical properties when tested according to applicable specifications and TREMCO standards.
Under this warranty we will provide at no charge, product to replace any product proven to be defective when applied in accordance with our written instructions and in applications recommended by TREMCO as being suitable for this product.
All claims concerning product defects must be made within 12 months of shipment. Absence of such claims in writing during this period will contribute a waiver of all claims with respect to such product. This warranty is in lieu of any and all other warranties expressed or implied.

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