

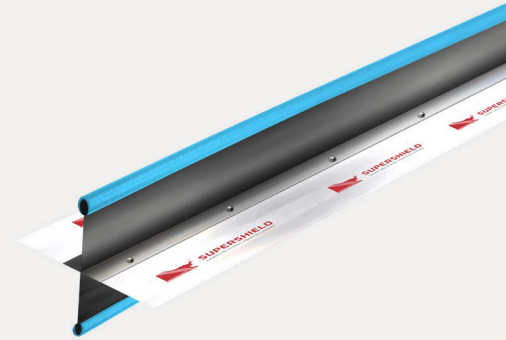


Lease Life
to Man-Made
Structures

SUPERSHIELD

PANELSTOP CI

Waterstops for Programmed Cracks



PRODUCT DESCRIPTION

SUPERSHIELD PANELSTOP CI waterstops with a perpendicular crack-inducing plate specifically designed for programmed cracks. They are engineered from galvanized steel sheets featuring a specialized double-sided coating designed to create a strong bond with fresh concrete, and a dual rubber swellable lining is based on Supershield SWELLSTOP. The unique coating ensures a durable seal and long-lasting performance by effectively binding the overlapping joints, which are then secured with clamps that integrate seamlessly with the concrete. When in contact with water, the swellable lining expands to seal within the concrete joints, effectively blocking the passage of water while ensuring a durable seal and long-lasting performance. A thin layer of foil protects the entire surface of the coated sheet, maintaining its integrity during handling and installation.

AREAS OF APPLICATION

SUPERSHIELD PANELSTOP CI is designed for the sealing of vertical construction joints and predetermined crack joints in in-situ concrete, as well as at the wall-to-wall transition of element walls.



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TECHNICAL DATA

General Characteristics	
PROPERTY	VALUE
Material	Galvanized slit strip (ST 37)
Sealing Metal Sheet Width	150mm
Sheet Thickness	1.5mm
Straight Cut Pieces	2.5m
Crack Metal Width	30mm
Corner Elements	100mm
Processing Temperature	-10°C to +50°C
Temperature Resistance	-25°C to +60°C
Special Coating Material	Elastomeric plastic, free of formaldehydes
Special Coating Layer Thickness	Approx. 0.2 mm



APPLICATION GUIDELINES

Application

The SUPERSHIELD PANELSTOP CI is installed vertically between the outer and inner reinforcement layers. The perpendicular crack-inducing plate is arranged at right angles to the wall, aligned with the direction of the weakening cross-section, while the joint sheet metal runs along the longitudinal axis of the wall. At the base point, the projecting sheet metal connects to the foundation/wall metal waterstop. This connection is achieved by bonding the entire surface of SUPERSHIELD PANELSTOP CI to the foundation/wall metal waterstop with an overlap of at least 7 cm, secured with two fixing clips.

HEALTH AND SAFETY

No special measures required.

STORAGE

Store in undamaged and unopened original packaging in a dry place and protected from direct sunlight.

PACKAGING

SUPERSHIELD PANELSTOP CI comes in straight cut pieces of 2.5m Strip.

WARRANTY

Supershield warrants that its products will be free from material defects and will comply with the specifications provided in their respective technical data sheets. If any product is proven to be defective, Supershield's liability will be limited to the replacement of the product. Supershield will not be liable for any incidental or consequential damages. No other warranties, express or implied, shall apply, including warranties of merchantability or fitness for a particular purpose. It is the user's responsibility to determine the suitability of the product for their intended use and to assume all risks and liabilities associated with its application. Supershield reserves the right to alter the properties of its products without prior notice.