



Lease Life
to Man-Made
Structures

SUPERSHIELD

PANELSTOP SL-F

Waterstops with Swellable Lining and
Fixing Brackets for Construction Joints



PRODUCT DESCRIPTION

SUPERSHIELD PANELSTOP SL-F waterstops 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.

The SUPERSHIELD PANELSTOP SL-F comes with fixing brackets, simplifying the installation process to meet different project requirements. Additionally, clamping brackets are provided as accessories, further facilitating the achievement of a watertight seal.

AREAS OF APPLICATION

The SUPERSHIELD PANELSTOP SL-F waterstops are versatile solutions designed for a variety of applications in building construction, civil engineering, and structural engineering. They are particularly effective for sealing in-situ concrete construction joints. Specific areas of application include: wall-to-floor transitions, wall-to-ceiling transitions, floor-to-floor transitions, and wall-to-wall transitions.



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TECHNICAL DATA

General Characteristics	
PROPERTY	VALUE
Material	Galvanized slit strip (ST 37)
Available Heights	160 mm, 240 mm
Sheet Thickness	0.6 mm
Length Options	Rolls : 20m
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



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APPLICATION GUIDELINES

Application

To secure SUPERSHIELD PANELSTOP SL-F with fixing brackets, tie the eyelets to the metal reinforcement of the structure. It's important to remove the protective film shortly before pouring the concrete and note that there are two films: the first one for the lower pour and the second for the upper pour. The insertion depth of SUPERSHIELD PANELSTOP SL-F for joints in the first pour should be a minimum of 4 cm and a maximum of 8 cm. Additionally, ensure that the application temperature falls within the range of 8°C to 40°C.

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 SL-F comes in rolls of 20m each.

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.