



Lease Life  
to Man-Made  
Structures

# SUPERSHIELD

## SEALON

High Elastic Polyurethane Sealant



### PRODUCT DESCRIPTION

SUPERSHIELD SEALON is a single-component, moisture-curing, and fast-hardening polyurethane sealant featuring a medium-to-high modulus of elasticity. It remains permanently elastic while offering high surface hardness, making it both tear- and weather-resistant. SEALON is ideal for adhesion of Swellbar at expansion joints on terraces and balconies, as well as for filling joints on prefabricated walls. It is also suitable for use on wooden, steel, aluminum, copper, and plastic materials, as well as plasters and other substrates.

### AREAS OF APPLICATION

SUPERSHIELD SEALON is highly versatile and exhibits excellent adhesion to a wide range of materials. This makes it the most suitable adhesive sealant for flooring and roofing joints made of concrete, wood products, steel, stainless steel, aluminum, anodized aluminum, galvanized steel sheets, copper, and various plastics.

### TECHNICAL DATA

General Characteristics	
PROPERTY	VALUE
Color and Appearance	white/grey paste
Density	1.30 (± 0.05) g/cm <sup>3</sup>
Temperature of Use	+5/+35 °C
Complete hardening at 20°C	24 h
Shore A Hardness	40
Longitudinal elongation at break	≥300 %
Touch hardening at 20°C	60 min



## APPLICATION GUIDELINES

### Application

Ensure that the substrate is perfectly clean, dry, and free from dust and loose particles before application. Apply SEALON using a gun on the concrete surface as an adhesive for the SUPERSHIELD SWELLBAR.

For small joints, the substrate must be similarly clean and dry. Insert the BACKER ROD expanded polyethylene cord of the appropriate size into the joint to form the bottom of the sealant joint. Apply adhesive tape on both sides of the joint to prevent the product from escaping. Slowly and carefully extrude the sealant from the cartridge using a dosing gun into the prepared joint cavity. Before the sealant fully cures, smooth and level it with a spatula to match the surface of the floor or wall.

### HEALTH AND SAFETY

Use Personal Protective Equipment (PPE) like gloves, masks and glasses during installation. For further instructions on a safe use of the product please refer to safety datasheets.

### STORAGE

Protect SEALON from freezing. Store the product in its original packaging in a cool, dry environment, avoiding frost and direct sunlight. Inadequate storage may result in a loss of rheological performance. Ensure the product is protected from humidity. Optimal storage temperature ranges between +5°C and +35°C.

### PACKAGING

Available in Boxes of 12 x 300 cc cartridges and Boxes of 20 x 600 cc cartridges.

### 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.