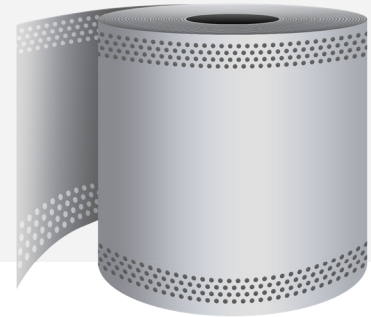


FLEXSTRIP 250

TPE Based, Elastic Dilatation Tape



PRODUCT DESCRIPTION

SUPERSHIELD FLEXSTRIP 250 Dilatation Tape is a 250 mm wide, highly elastic elastomer designed for the insulation of expansion joint gaps, large cracks, and thermal gaps in all types of buildings. It is widely used in foundations, walls, wastewater treatment plants, water tanks, tunnels, and concrete pipes. The tape is resistant to UV light and external weather conditions, providing reliable performance across a wide range of temperatures. FLEXSTRIP 250 is available in thicknesses of 1 mm, 1.5 mm, and 2 mm, with options for versions with holes and without holes.

AREAS OF APPLICATION

- Waterproofing expansion joints, including large joints subject to significant movement
- Sealing natural joints and fissures, even under hydraulic counter-thrust conditions Industrial Buildings

TECHNICAL DATA

General Characteristics

PROPERTY	VALUE
Color and Width	Grey Tape / 250 mm wide
Temperature of Use	-40°C / +90°C

Performance Characteristics

CHARACTERISTICS	PERFORMANCE
Elongation at Break	600%
Tear Strength	> 600 N/cm
Water Pressure Resistance	> 8 bar
Tensile Strength	> 6 Mpa
UV Strength	> 7500 h



APPLICATION GUIDELINES

Consumption

- Use 1 metre of SUPERSHIELD FLEXSTRIP 250 per linear metre of joint
- Ensure to overlap the rolls by approximately 5-10cm at the edges of the band to guarantee permanent watertightness of the system

Application Method

Before application, ensure that the surfaces to be treated are free from loose parts, traces of grease, paint, and thoroughly cleaned of dust. Next, thoroughly mix the epoxy resin EPOFIX in the predetermined amount and spread the prepared epoxy adhesive on the sides of the joint to be waterproofed using a toothed adhesive spreader. It is important to keep the spreader constantly clean to maintain uniformity in the applied thickness, which should not be less than 2 mm. Unroll and apply the SUPERSHIELD FLEXSTRIP 250 band onto the fresh adhesive. Press the band firmly against the resin, stretching the ends by hand to avoid wrinkling and air bubbles, ensuring that the resin seeps through the holes in the band. Apply a second layer of SUPERSHIELD EPOFIX adhesive, at least 2 mm thick, on the edges of the band using a metal spatula. For the joint between two adjacent straps, weld the end flaps for overlap using a special hot air welding machine. To enhance the seal's security, apply a small layer of SUPERSHIELD EPOFIX on the heated flaps.

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

Store in dry conditions, protected from heat, frost and direct sunlight.

PACKAGING

25m Rolls.

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.