



Neodyl

Expansion joint material

Neodyl is a joint bridging waterproofing material used for the treatment of expansion joints on flat roofs of buildings. Neodyl is made from synthetic rubber. It is compatible with conventional built-up roofing, elastomeric modified bitumen membranes and mastic asphalt.

Fields of application

Neodyl is intended for the waterproofing of expansion joints of:

- Parking decks
- Flat roofs

Features

- Long durability
- Rot proof
- Excellent pliability
- High resistance to shearing and to aging
- Easy to apply
- Compatible with any type of substrate

Application

The minimum width of Neodyl is to be 250 mm.

Neodyl must always be adhered to the substrate on either side of the pleat. It is secured by torch-on fusion onto a base layer (Derbigum SP) which itself is adhered by fusion to the previously primed concrete.

Attention must be given during fixing to ensure the Neodyl strip has a sufficiently deep inverted pleat so that it will not be extended when the joint is in the maximum opening position.

Technical data

Physical properties	Value
Roll	10 m x 250 mm
Thickness (nominal)	5 mm
Mass (nominal)	12 kg
Elastomeric modified bitumen	4,1 kg/m ²
Neoprene coated glass cloth	0,4 kg/m ²
Heat Flow	≤ 2 mm (90 °C/2h)
Modulus at 100%	90 DaN/cm ²
Thermal Stability	1 mm per metre at +80 °C
Heat Resistance	Continuously from -50 °C to +80 °C
Tensile strength Length	60 DaN/cm
Width	40 DaN/cm
Tearing resistance at 20 °C	No tearing after 1000% elongation
Stretch to break Length	5%
Width	3%
Cold Flexibility	-25° C
Elasticity Range	100%
Static Puncturing on Polystyrene (NFP 84 352)	>14 kg

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

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Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subject to change without prior notice.

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