

TECHNICAL DATA SHEET

Soba RedLINE®

Material description

The elastomer material is based on an EPDM material with good resistance to heat, cold, oxygen and ozone, very good ageing resistance, very good long-term heat resistance (up to +90°C) and very good flexibility at low temperatures (down to -40°C).

Furthermore, the EPDM is resistant to alkalis, diluted acids and salt solutions, to water and water vapour, and to polar solvents such as alcohol and ketones.

Resistance to non-polar plasticisers and solvents such as mineral oils, petrol, fuels and aromatics such as toluene is low. Constant contact with these materials should be avoided.

Typical applications

The expansion joint tape is used to bridge 3-dimensional joint movements in bitumen seals and between building components. In this process, the fleece-laminated lateral adhesive flanges are infused into the bituminous seal with hot bitumen. Depending on the installation scenario, RedLINE can also be force-fitted directly to the substrate with epoxy resin adhesive or liquid plastic.



Technical details

Features	Unit	Test standard	Test values
Elastomer base		ISO 1629	EPDM
Colour			red/white
Density	g/cm ³	DIN EN ISO 1183-1	1.0 - 1.1
Hardness	Shore A	DIN 53 505	45
Tensile strength	N/mm ²	DIN 53 504	> 10
Elongation at break	%	DIN 53 504	> 500
Tear resistance	N/mm	DIN 53 507	> 5
Water vapour permeability at a thickness of 2.2 mm	g/m ² x day	DIN 53 122	< 3
Fire behaviour		DIN EN 13 501-1	Building material class E

Report/certificate

On request

Delivery form

Continuous tape as a ready-made system, including all moulded parts

Material thicknesses

2.0 / 3.0 mm, depending on the tape type