

TECHNICAL DATA SHEET

# Soba EpoLINE®

**Material description**

The elastomer material is based on a butyl material with low gas permeability, 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 butyl 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 between building components. The lateral adhesive flanges are force-fitted directly to the substrate with epoxy resin adhesive.



**Technical details**

| Features  | Unit                               | Test standard          | Test values               |
|---|------------------------------------|------------------------|---------------------------|
| Elastomer base                                  |                                    | ISO 1629               | IIR                       |
| Colour  |                                    |                        | grey/black                |
| Density   | g/cm <sup>3</sup>                  | DIN EN ISO 1183-1      | 1.47 - 1.51               |
| Hardness  | Shore A                            | DIN 53 505             | 55                        |
| Tensile strength                                | N/mm <sup>2</sup>                  | DIN 53 504             | > 5                       |
| Elongation at break                             | %                                  | DIN 53 504             | > 600                     |
| Tear resistance                                 | N/mm                               | DIN 53 507             | > 8                       |
| Water vapour permeability (at 2.6 mm thickness) | g/m <sup>2</sup> x day<br>my value | Based on<br>DIN 53 122 | 0,16<br>approx. 270,000   |
| Fire behaviour                                  |                                    | DIN EN 13501-1         | Building material class E |

**Report/certificate**

On request

**Delivery form**

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

**Material thicknesses**

1.8 mm