

FACT SHEET

# Soba RedLINE®

**The challenge**

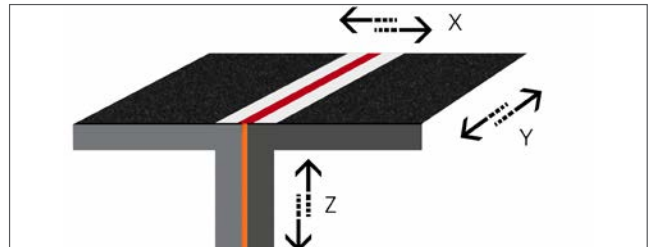
Building components are constantly exposed to extreme stresses, such as temperature fluctuations, earthquakes and other physical conditions. These affect the volume and composition of the materials used and the substance of the buildings and can cause fatigue or fractures with catastrophic consequences. This makes choosing the right sealing material hugely important.

**The solution**

An expansion joint tape with flexible a area and fleece on the flanges. Depending on the version of the product, different magnitudes (3D movements) can be absorbed. The expansion zone in the centre of the product (red area) prevents the sealing membrane on building structures from tearing. The joint tape is produced in the factory as a ready-made system. The vulcanisation of all moulded parts ensures a homogeneous joint tape system without any weak points.

**Advantages of RedLINE**

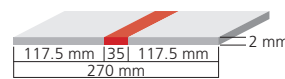
- Cost-effective installation thanks to prefabricated, precisely fitting expansion joint tapes
- Tapes and moulded parts are supplied as ready-made systems
- Follow any joint course without any problems
- Flush installation without loops and beads
- No complex substructures thanks to "sandwich installation"
- Very high resistance to building vibrations (e.g. during earthquakes)
- Force-fit joints with bitumen sheeting, epoxy resin adhesive and liquid plastic
- Construction vulcanisation possible



Movement pattern for 3-dimensional joint movement

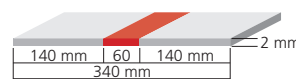
**Product versions**

**RedLINE 20**



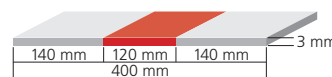
X max. ± 20 mm  
Y max. ± 10 mm  
Z max. ± 15 mm

**RedLINE 40**



X max. ± 40 mm  
Y max. ± 20 mm  
Z max. ± 30 mm

**RedLINE 100 G**



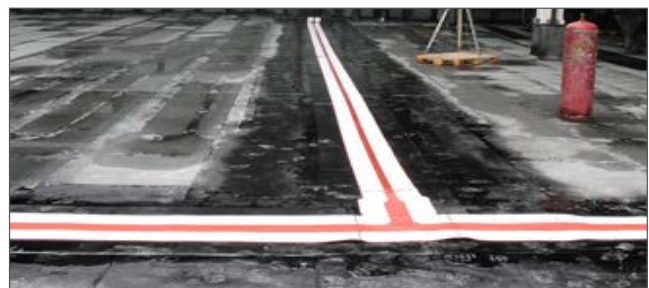
X max. ± 100 mm  
Y max. ± 50 mm  
Z max. ± 75 mm

**RedLINE 240 G**



X max. ± 240 mm  
Y max. ± 120 mm  
Z max. ± 180 mm

X Longitudinal structural movements / Y Transverse structural movements / Z Vertical structural movements



**Installation**

RedLINE can be cast into bituminous sealing systems with hot bitumen. Depending on the installation scenario, RedLINE can also be applied with epoxy resin adhesive or liquid plastic.