

FACT SHEET

# Soba FlamLINE®

**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**

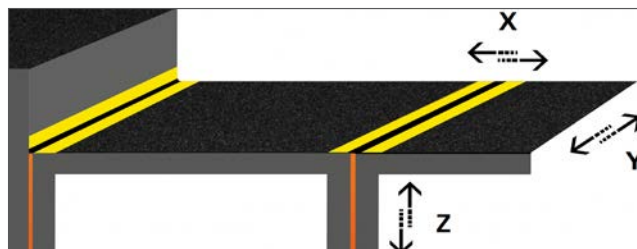
An expansion joint tape with flexible a area and support fabric in the flange areas. Depending on the version of the product, different magnitudes (3D movements) can be absorbed.

The expansion zone in the centre of the product (black 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 FlamLINE**

- 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
- Special metal connectors for connections to sheet metal work



Movement pattern for 3-dimensional joint movement

**Product versions**

**FlamLINE 20**



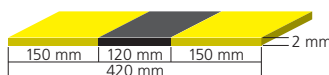
X max. ± 20 mm  
Y max. ± 10 mm  
Z max. ± 15 mm

**FlamLINE 40**



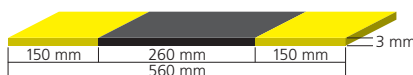
X max. ± 40 mm  
Y max. ± 20 mm  
Z max. ± 30 mm

**FlamLINE 100**



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

**FlamLINE 240**



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**

FlamLINE can be incorporated into bituminous systems by scorching. Depending on the installation scenario, FlamLINE can also be applied with epoxy resin adhesive or liquid plastic.