

# FlamLINE

JOINT TAPES FOR FLAT ROOFS AND COVERED AREAS

# MIGUPREN

EXPANSION JOINT STRIPS TO SEAL JOINTS WITH THREE-DIMENSIONAL MOVEMENT



MIGUPREN FlamLINE consists of the elastic material Butyl-Elastomer.

- Excellent resilience against Ozon
- Very high long-term heat resistance (up to +90 °C)
- Very high flexibility at low temperatures (up to -40 °C)
- General Building Authority Test Certificate (AbP) available for pressurized water up to 0.5 bar (equates to 5 m water column)

**Overall resilience against chemicals:**

- Very good against alkali, diluted acids and saline solutions
- Excellent against vapour
- Very good resilience against polar solvents like alcohol and ketone

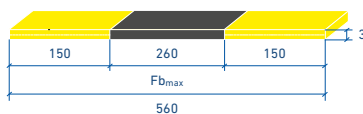
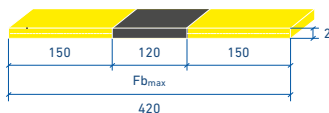
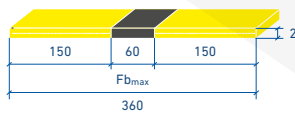
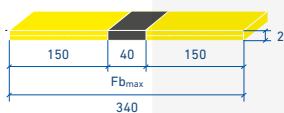
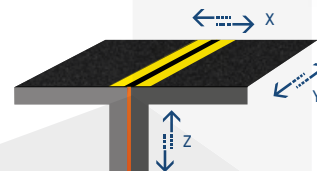
**Sealing system meets the demands of DIN 18531, 18532 and 18533.**

- With AbP (= General Building Authority Test Certificate) as evidence of sustainability.
- Proof of radon impermeability provided at the IAF Radionuclide Laboratory.

**Appropriate bonding materials: Bituminous material, liquid applied plastics, epoxy resin adhesives**

Pls contact us for further information.

Testing	Unit	Test Standard	Test value FlamLINE
Density	g / cm <sup>3</sup>	EN ISO 1183-1	1,47–1,51
Elongation	N / mm <sup>2</sup>	53504	> 4
Ultimate elongation	%	53504	> 600
Tear resistance	N/mm	ISO 34-1	> 8
Fire behaviour		EN 13501-1	Material class E



\*Fb<sub>max</sub> = maximum joint width

**MIGUPREN FlamLINE 20**

- X Joint lateral oscillation max. ± 20 mm
- Y Joint lengthwise movement max. ± 10 mm
- Z Joint verticalwise movement max. ± 15 mm
- Weight approx. 1,10 kg/m

**MIGUPREN FlamLINE 40**

- X Joint lateral oscillation max. ± 40 mm
- Y Joint lengthwise movement max. ± 20 mm
- Z Joint verticalwise movement max. ± 30 mm
- Weight approx. 1,20 kg/m

**MIGUPREN FlamLINE 100**

- X Joint lateral oscillation max. ± 100 mm
- Y Joint lengthwise movement max. ± 50 mm
- Z Joint verticalwise movement max. ± 75 mm
- Weight approx. 1,40 kg/m

**MIGUPREN FlamLINE 240 G**

- X Joint lateral oscillation max. ± 240 mm
- Y Joint lengthwise movement max. ± 120 mm
- Z Joint verticalwise movement max. ± 180 mm
- Weight approx. 2,60 kg/m