





Material Description

The material for **FlexLINE** waterproof expansion joint is manufactured from a high grade of a Butyl-Elastomer with the following properties:

- excellent resistance to ozone
- long term high temperature resistance (up to + 90 °C)
- high flexibility at low temperatures (– 40 °C)

FlexLINE is resistant to:

- alkali, acids and saline solutions
- water and steam
- polar solvents, such as alcohol and ketone

Low resistance to homopolar emollients and solvents (e.g. mineral oils, benzene, fuels and aromatic compounds, such as toluene).

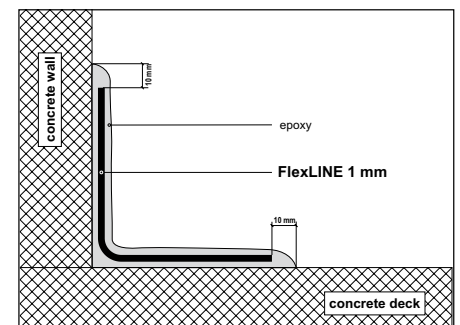
Prolonged contact with these agents should be avoided.

Property	Unit	Method	Result	
Thickness	mm		1.0	
Density	g/cm ²	DIN 53479	1.48	
Tensile strength	long.	N/mm ²	DIN 53504	5.6
	trans.			5.3
Elongation	long.	%	DIN 53504	690
	trans.			740
Tear strength	long.	N/mm	DIN 53507	10.8
	trans.			9.9
Results after 24 h / 100 °C	long.	%	DIN 7864	0
	trans.			–0.3
Fire rating		DIN 4102 part 1	B2	

Installation 3.4.1

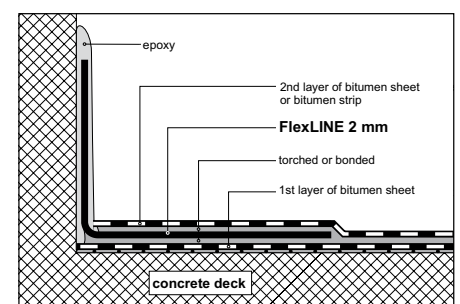
FlexLINE 1 mm to epoxy

below ground, fully bonded into epoxy



Installation 6.4.2

FlexLINE 2 mm to epoxy / bitumen



Installation 6.4.3

FlexLINE 2 mm to epoxy / bitumen

