

ResiFlex High Performance Waterproofing Tape

Product Description

A ResiFlex high performance waterproofing tape.

Application

Waterproofing of e.g. outside expansion and construction joints. For installation with suitable adhesives and sealants on various building substrates in critical areas with high and / or frequent movements.

Fusibility

The product is fusible with standard hot-air-dryers (recommendation ≥ 1500 watt / 340°C). It is important to select a low temperature setting so that only the surface of the tape melts in order not to affect the tightness of the product. Parts to be welded must be roughened or sanded. Please follow our processing instructions.

Appearance

Colour Grey

Physical Properties

	DIN	Value	Tolerance
Available widths:	Internal	150,200,250,500 mm	+/- 2 mm
		(widths between 100 mm and 1000 mm upon request)	
Thickness:	Internal	2,0 mm	+/- 0,1 mm
Total weight:	Internal	1830 g / m ²	+/- 100 g / m ²
Length per roll:	Internal	20 Meter (Alternative make ups upon request)	- 0,0 m / +1%

Tensile properties:			
Tear resistance - lengthwise	DIN EN 12311-2 Method B	10 N/mm ²	≥ 8 N/mm ²
Tear resistance - across	DIN EN 12311-2 Method B	10 N/mm ²	≥ 8 N/mm ²
Elongation at break - lengthwise	DIN EN 12311-2 Method B	680%	≥ 500 %
Elongation at break - across	DIN EN 12311-2 Method B	710%	≥ 500 %
Tear resistance (nail shank)- lengthwise	DIN EN 12310-1	540 N	≥ 400 N
Tear resistance (nail shank) - across	DIN EN 12310-1	530 N	≥ 400 N
Water vapour permeability	DIN EN 1931 Method B	125 m	≥ 80 m
Shore A hardness	Internal	approx. 87	
Bonding strength	DIN EN 1348	≥ 4,0 N / mm ² *	
Peel test on wood carrier	Internal	≥ 100 N *	
Water tightness	DIN EN 1928-A- 60 kPa/24 Std.	watertight	
	DIN EN 1928-B-400 kPa/72 Std.	watertight	
Burst pressure:	Internal	> 5,0 bar	
UV-Resistance:	DIN EN ISO 4892-3	≥ 6500 h	
Reaction to fire	DIN ISO 11925-2	Class E	
	EN 13501-1		

* in dependence of the used adhesive

Chemical Resistance

To Hydrochloric acid, Sulphuric acid, Citric acid, Lactic acid, Potassium hydroxide, Sodium hypochlorite, Salt water and further substances

Packaging

20 meter rolls

Storage

Maximum of 12 months – it is essential that goods are kept in the original packaging, keep cool and dry, protect against sunlight. If packaging film has been opened apply the material within 2 months.

Health & Safety

Refer to MSDS sheet

