

Arbo FR-RS Fire Tape

Fire retardant rolled sealant PAA40 with a strong butyl adhesive layer and excellent waterproofing.

MAIN APPLICATIONS

Specifically designed for building applications where high fire retardance performance is needed (e.g. tall buildings). Permanent waterproofing, repairing and vapour impermeable joints sealing in the construction field. Applicable on various materials such as glass, steel, concrete, stone, wood, aluminium. The adhesive bonding grows stronger with time.

COMPOSITION

Adhesive	Fire retardant compound of an elastomeric modified butyl rubber (grey colour)
Backing	PET/ALU combination 55µm (23µm / 25µm) - bright aluminium colour; aluminium foil on top
Release Liner	One-sided siliconized PP 70µm (black/white colour)

SIZE

Standard Thickness	1mm
Standard Widths	100mm to 1000mm in 50mm increments
Standard Lengths	10m



TECHNICAL DATA

Properties	Performance	Typical Values	Test Method	
Water Tightness:	Pass		EN 1928	
Water Tightness after ageing:	Pass		EN 1928 + EN 1847	
Impact Resistance (mm):	≥ 300		EN 12691	
Resistance to Static Loading (kg):	≥ 10		EN 12730 - Method B	
Tear Resistance (N)	Longitudinal:	≥ 30	55	EN 12310-2
	Transversal:	≥ 30	53	
Joint Strength (N/50mm):	≥ 150	230	EN 12317-2	
Moisture Resistance Factor (μ):	≥ 2500000	-	EN 1931	
Tensile Force (N/50mm)	Longitudinal:	≥ 200	290	EN 12311-2
	Transversal:	≥ 200	350	
Elongation (%)	Longitudinal:	≥ 10	22	EN 12311-2
	Transversal:	≥ 10	32	
Reaction to Fire*:	Class B-s1-d0		EN 11925 + EN 13823 + EN 13501-1	
Loop Tack (N):	≥ 33		ASTM D6195	
Peel Adhesion Strength at 180° (N/10mm):	≥ 11		ASTM D3330	
Service Temperature:	-20 °C / + 80°C		-	
Application Temperature:	+5 °C / + 35°C		-	

*Tested as 1000mm wide product; applied on gypsum plaster board.

*If applied on porous substrates a primer (2650) is strongly recommended. Utilisation of a primer is not included in the fire reaction test.

STORAGE LIFE

The characteristics of materials will stay the same for a long time, nevertheless for the best use it is recommended to apply within 24 months from production date. Store in dry, well ventilated room and at a max. temperature +30°C. Store above 40°C may lead to difficulties to remove release liner. Store only in original packed state.

IMPORTANT: The information in this leaflet is given in good faith and based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Goods are supplied subject to the Company's terms and conditions of sales, a copy of which is available on request.

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