

ARBOSHIELD^{PRO}

FSR 40

ARBOSHIELD Pro[®] FSR 40 is a high quality Class B, elastomeric-modified butyl sealing tape engineered to create airtight, fire-safe perimeter details around window and door frames. Certified with a B-s1, d0 fire classification, it provides waterproofing and fire protection for critical building junctions.

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) - black 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



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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 Transversal:	≥ 30 ≥ 30	55 53	EN 12310-2
Joint Strength (N/50mm):	≥ 150	230	EN 12317-2
Moisture Resistance Factor (μ):	≥ 2500000	-	EN 1931
Tensile Force (N/50mm) Longitudinal: Transversal:	≥ 200 ≥ 200	290 350	EN 12311-2
Elongation (%) Longitudinal: Transversal:	≥ 10 ≥ 10	22 32	EN 12311-2
Reaction to Fire*: *Tested as 1000mm wide product; applied on gypsum plaster board. Utilisation of a primer is not included in the fire reaction test.	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

For best adhesion on porous surfaces an Arbo Primer is recommended. Please consult Adshead Ratcliffe Technical Services Department for more information.

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 datasheet is given in good faith and based on results based on practical experience and standard testing. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. It is the user and specifier's responsibility to ensure the ARBO product is suitable for the intended use; consult ARBO Technical Services for specific advice. Goods are supplied subject to the Company's terms and conditions of sale, a copy of which is available on request.



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