

ARBOShield Pro Class A Fire-Resistant Façade System

ARBO Façade Solutions (ARBO FS) is the new name for a ground-breaking initiative from ARBO, one of the longest established names in UK construction materials.

ARBOShield Pro Fire-Resistant Façade System brings to market an extensive and innovative group of products into one cohesive, high performing range. Class A reaction to fire combines with W1 resistance to water penetration providing peace of mind for architects and specifiers. Contractors and installers will benefit from the ease of installation of our self-adhesive EPAM membrane system.

MAIN APPLICATIONS

ARBOShield Pro Fire-Resistant System can be used in both new build and refurbishment installations, across commercial, industrial, residential and retail environments. Curtain walling, large scale facades or even modular and off-site construction methods can all be effectively fire protected and weatherproofed. Window and door seals may also be used to form cavity trays, for a completely integrated approach.



SYSTEM COMPONENTS

- ARBOShield Pro Class A W1 Breather Membrane
- ARBOShield Pro External Perimeter A-Rated Membrane (EPAM)
- ARBOShield Pro Class A Air & Vapour control Layer
- ARBOShield Pro Class B W1 Breather Membrane
- ARBOShield Pro Class A High-Tack Sealing Tape

ANCILLARY COMPONENTS

- ARBO FR RS Class B Fire Tape
- ARBO Intumescent and Fire-Resistant mastics and sealants

TECHNICAL DATA

Product	Standard	Description	Performance
ARBOShield Pro External A Rated Perimeter Membrane (EPAM)	EN 13501	Reaction to Fire	A2-s1,d0
	EN 13859-1	Resistance to Water Penetration	Class W1
	EN 13859-1	Tensile Strength MD	4540 N/50mm BS EN 12311-1
	EN 13859-1	Tensile Strength CD	2975 N/50mm BS EN 12311-1
	EN 13859-1	Flexibility at Low Temperature	-40 °C
	EN 12572	Water Vapour Transmission	0.06sd
	EN 13859-1	Resistance to Nail Tearing MD	286N BS EN 12310-1
	EN 13859-1	Resistance to Nail Tearing CD	321N BS EN 12310-1
ARBOShield Pro Class A W1 Breather Membrane	EN 13501	Reaction to Fire	A2-s1,d0
	EN 13859-1	Resistance to Water Penetration	Class W1
	EN 13859-1	Tensile Strength MD	3200 N/50mm BS EN 12311-1
	EN 13859-1	Tensile Strength CD	3000 N/50mm BS EN 12311-1
	EN 13859-1	Flexibility at Low Temperature	-40 °C
	EN 12572	Water Vapour Transmission	0.08sd
	EN 13859-1	Resistance to Nail Tearing MD	580 N BS EN 12310-1
	EN 13859-1	Resistance to Nail Tearing CD	450 N BS EN 12310-1
	Resistance to UV Exposure	9 months, 5,000 hours*	
EN 12114	Airtightness	0.093m ³ /(h x m ² 50 pa)	
ARBOShield Pro Class A Air & Vapour Control Layer	EN 13501	Reaction to Fire	A2-s1,d0
		Thermal resistance R	0.67 m ² K/W**
	EN 12572	Water vapour transmission (sd)	>2500 m
	EN 13859-1	Tensile Strength MD	1362 N/50mm BS EN 12311-1
	EN 13859-1	Tensile Strength CD	1349 N/50mm BS EN 12311-1
	EN 13859-1	Resistance to tearing MD	150 N BS EN 12310-1
EN 13859-1	Resistance to tearing CD	150 N BS EN 12310-1	
ARBOShield Pro Class B W1 Breather Membrane	EN 13501	Reaction to Fire	B-s1,d0***
	EN 13859-1	Resistance to Water Penetration	Class W1
	EN 13859-1	Tensile Strength MD	200 N/50mm BS EN 12311-1
	EN 13859-1	Tensile Strength CD	140 N/50mm BS EN 12311-1
	EN 13859-1	Flexibility at Low Temperature	-40 °C
	EN 12572	Water Vapour Transmission	0.07sd
	EN 13859-1	Resistance to Nail Tearing MD	120 N BS EN 12310-1
	EN 13859-1	Resistance to Nail Tearing CD	140 N BS EN 12310-1

Notes:

*9 months UV exposure relates to the maximum continuous exposure during the construction phase

** when facing a 20mm still airspace

***Must be fixed to a Class A substrate material in order to retain Class B rating.

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