

ARBOSHIELD^{PRO}

BRPS (B-RATED PASTED SYSTEM)

ARBOSHIELD Pro® BRPS (B-Rated Pasted System) is a Class B fire-rated system combining our high-performing ARBOSHIELD Pro® BFRM (B Fire Rated Membrane) with ARBOSHIELD Pro® FRMA (Fire-rated membrane adhesive), providing Class B-s1, d0 fire classification.

Main Applications

ARBOSHIELD Pro® BRPS is available in a variety of roll widths, to suit application around openings and joints in many typical façade arrangements. Combining the flexibility of roll width with adhesive in 600 ml foils delivers a fast and efficient solution for application for practically all walling applications including high-rise and high-risk buildings such as schools, hospitals, care homes and residential blocks.



ARBOSHIELD Pro® BRPS (B-RATED PASTED SYSTEM)

ARBOSHIELD[®] PRO

Installation Instructions

Preparation

Ensure all surfaces are clean, dry and free from dust and other contaminants.
Start at the bottom of the frame, then add verticals, finally apply the top piece.

Measure and cut

Measure upstand and opening width and height, cutting lengths of membrane to suit. Slit 100 mm for overlap.

Affix membrane

Carefully align membrane with upstand, ensuring base of slit is level with the corner of the frame. Smooth the slit to the upstand. Using a silicone roller, apply firm but gentle pressure to bed the membrane into the adhesive.

Apply adhesive

Apply a 5 mm bead of adhesive to window upstand, substrate and membrane, where it will overlap.

Affix and overlay membrane

Carefully apply membrane to substrate, ensuring base of slit aligns with corner. Using an ARBO® silicone roller, gently smooth the membrane over the adhesive, ensuring all surfaces are equally adhered. Apply adhesive: Apply 5 mm bead of adhesive to window upstand and substrate.

Storage

ARBOSHIELD Pro® BFRM should be stored in cool, dry conditions in the upright position.
ARBOSHIELD Pro® FRMA should be stored in original, unopened packaging in a cool, dry place out of direct sunlight. Shelf life is 15 months, if stored as above.

Health and safety

No particular health hazards are associated with this system, but please consult the Safety Data Sheets for full information.

Accessories

Primers

Some surfaces may need priming, in which case we recommend ARBO® AG2 Primer.
Consult ARBO® Technical Services for further details and advice

Cleaners

ARBO® Cleaner No.17-1 Litre Tin (Xylene based – not suitable for use with plastics or delicate finishes)
ARBO® Cleaner No. 16-1 Litre Tin (Alcohol Based)

Ancillary equipment

Polyethylene Nozzles
ARBO® Caulking Guns

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. It is the user and specifier's responsibility to ensure 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 sales, a copy of which is available on request.

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CARLISLE
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ARBOSHIELD[®] PRO

Part Code	Description	Colour
FCSHBFRM50	ARBOSHIELD Pro® BFRM 50 mm x 50 m	BLACK
FCSHBFRM100	ARBOSHIELD Pro® BFRM 100 mm x 50 m	BLACK
FCSHBFRM150	ARBOSHIELD Pro® BFRM 150 mm x 50 m	BLACK
FCSHBFRM200	ARBOSHIELD Pro® BFRM 2000 mm x 50 m	BLACK
FCSHBFRM250	ARBOSHIELD Pro® BFRM 250 mm x 50 m	BLACK
FCSHBFRM300	ARBOSHIELD Pro® BFRM 300 mm x 50 m	BLACK
FCSHBFRM350	ARBOSHIELD Pro® BFRM 350 mm x 50 m	BLACK
FCSHBFRM400	ARBOSHIELD Pro® BFRM 400 mm x 50 m	BLACK
FCSHBFRM450	ARBOSHIELD Pro® BFRM 450 mm x 50 m	BLACK
FCSHBFRM500	ARBOSHIELD Pro® BFRM 500 mm x 50 m	BLACK
FRMA60PL	ARBOSHIELD Pro® BFRM 600 ml Foil - Black	BLACK

Technical Data			
Product	Standard	Description	Performance
ARBOSHIELD Pro® BFRM B Fire Rated 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/50 mm BS EN 12311-1
	EN 13859-1	Tensile Strength CD	140 N/50 mm BS EN 12311-1
	EN 13859-1	Flexibility at Low Temperature	-40 °C
	ISO 12572	Water Vapour Transmission	0.07 sd
	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
ARBOSHIELD Pro® FRMA Fire Rated Membrane Adhesive		Application Temperature	+5 °C to + 35 °C
		Service Temperature	-40 °C to + 120 °C
		Colour:	Black
		Modulus @ 100 % Extension	1.12 N/mm²
		Ultimate Elongation:	220 %
		Tensile Strength @ Break	1.85 N/mm²

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