

POWERLON® UV Façade is a range of polyacrylic and co-polymer breathable membranes engineered to provide long-term protection for the building envelope in wall applications. Designed for installations behind open or closed ventilated rainscreens and façades on walls, Powerlon UV is exceptionally UV resistant with superior durability compared to conventional breather membranes. The range includes a self-adhesive membrane for easy installation

POWERLON® UV Colour and UV Chroma SA are durable and highly UV resistant against damaging sunlight. They are suited for all open façades and rainscreen systems in wall applications, including glass, metal mesh, composite materials and timber.

The membranes are available in a wide range of attractive colours, opening up exciting new design opportunities.

PRODUCT	Flame retardant	Colour	Application	Weight EN 695 gsm	Tensile strength EN 12311-1 N/50mm	Nail tear resistance EN 12310-1 Newtons	Temperature range °C	Water vapour transmission (Sd) EN ISO 12572(c) metres	Water tightness Class	UV Resistance	Sizes metres	Roll weight kg
UV RESISTANT BREATHER MEMBRANES FOR WALL INSTALLATIONS BEHIND OPEN OR CLOSED VENTILATED RAINSCREENS AND FAÇADES												
UV 160 SA	Class E EN ISO 11925-2	Black	Openings <50mm Overall exposure not to exceed 50% of the surface area	160	MD 400 XD 230	MD 100 XD 120	-40 to +80	0.04	W1 EN 1928(a)	Long term	1.5 x 50	12.5
UV 145 FR	 Class B-s3, d0* EN 13501-1	Black	Openings <15mm Overall exposure not to exceed 10% of the surface area	145	MD 220 XD 200	MD 75 XD 75	-40 to +80	<0.05	W2 EN 20811	Long term	2.5 x 40	15.5
UV 120	Class E EN ISO 11925-2	Black	Openings <30mm Overall exposure not to exceed 30% of the surface area	120	MD 320 XD 210	MD 120 XD 130	-40 to +80	=<0.15	W1 EN 1928(a)	Long term	1.5 x 50	9.6
UV Colour	Class E EN ISO 11925-2	Choice of 8+ colours	Openings: <100mm** Overall exposure not to exceed 50% of the surface area	455	MD 300 XD 300	MD 280 XD 280	-40 to +80	<0.12	W1** EN 20811	Long term	2.5 x 26	30.6
UV Chroma SA	Class E EN ISO 11925-2	Choice of 5 colours	Openings <50 mm Overall exposure not to exceed 50% of the surface area	290	MD 280 XD 280	MD 210 XD 210	-40 to +80	<0.09	W1 EN 20811	Long term	2.5 x 26	20.5
UV Colour FR	 EN 13501-1 Class B-s2,d0*; BS 476 Parts 6 & 7 Class 0	Choice of 8+ colours	Openings: <100mm** Overall exposure not to exceed 50% of the surface area	820	MD 400 XD 400	MD 280 XD 280	-40 to +80	<0.12	W1* EN 20811	Long term	2.5 x 26	54.3

Important:

Register your warranty with ITP prior to installation. Separately provided Installation instructions provided by the Powerlon UV technical team must be complied with to validate any warranty. Powerlon UV proprietary adhesives, tapes and accessories must be used to validate any warranty.

* **Note:** As per EN 13859-2, Clause 5.2.2, in the case of the breather membrane being used on a supporting structure, further flame retardant testing of the structure may be needed to determine the flame retardancy of the construction due to a possible different flame retardancy of the supporting construction material itself (e.g. wood).

** **Note:** for installations with openings greater than 100mm or with exposed surface area of more than 50%, contact the Powerlon UV technical team. Some installations (eg polycarbonate panels, glass) allow for unlimited openings.

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