

**POWERLON® SupaPerm** is a single-layer, hydrophobic non-woven fabric which is both water resistant and breathable with excellent water vapour permeability.

**POWERLON® FlameOut Breathe** membranes are breathable, non-woven fabrics with superior self-extinguishing, flame retardant properties, available in two grades of FR rating

**POWERLON® ThermaPerm** is a thermal reflective, insulating breather membrane suitable for use in all wall and roof installations

PRODUCT	Flame retardant EN 13501-1	Colour	Weight EN 695 gsm	Tensile strength N/50mm EN 12311-1	Nail tear resistance EN 12310-1 Newtons	Temperature range °C	Water vapour transmission	Water tightness EN 1928(A) Class	UV resistance Western Europe	Sizes metres	Roll weight kg	Pallet quantity rolls
<b>WALL BREATHER FOR WALLS AND PROFILED METAL ROOFS</b>												
<b>SupaPerm</b>	NA	Black	100	MD 200 XD 140	MD 90 XD 110	-40 to +80	0.09 MNs/g BS 7374 BS 4016 Pass	W2	Limited	1.6 x 100 2.7 x 100 3.2 x 100	17.0 28.0 33.0	23 23 23
<b>BBA CERTIFIED BREATHER FOR WALL AND PITCHED ROOF INSTALLATIONS</b>												
<b>UltraPerm Lite</b>	Class E BBA Cert. 13/5037	Black	92	MD 210 XD 140	MD 80 XD 120	-40 to +70	Sd 0.02 m EN ISO 12572	W1	3 months	1.0 x 50 1.5 x 50	5.1 7.4	59 59
<b>THERMO-REFLECTIVE BREATHER FOR ALL WALL AND ROOF INSTALLATIONS</b>												
<b>ThermaPerm</b>	NA	Silver	135	MD 280 XD 200	MD80 XD 90	-40 to +70	Sd 0.08m EN ISO 12572	W1	2 months	1.5 x 100 2.7 x 100	21 37	23 23

\*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 materials itself (e.g. wood). Powerlon FlameOut Breathe Class A is Class A2-s1,d0 when free hanging or directly installed on a supporting substructure with a flame retardant classification of A1 or A2. Powerlon FlameOut Breathe is Class B-s1,d0 when free hanging or directly installed on a supporting substructure with a flame retardant classification of A1 or A2. FlameOut Breathe has been tested directly installed onto wood as Class D-s1,d0.

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

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