



REFLECTIVE INTERNAL VAPOUR CONTROL LAYER

Non woven reflective foil

Technical Data

Description	Standard	Performance
Weight	EN-1849-2	120 G/M ²
Colour		Anthracite
SD-Value M	EN 1931	100
Reaction to Fire	EN 13501-1	E
Nail tear resistance MD / CD*	EN 12310-1	150 / 150 N
Airtightness	EN 12114	<0.002
Tensile strength MD/CD*	EN 12311-1	320 / 280 N / 50 mm
Emission Value	EN 15976	< 0.02 (98% Heat Radiation)
Temperature resistance		-20°C to 80°C
CE labelling	EN 13984	Available
UV Resistance		3 months
Thermal Resistance	BS ISO 9869	0.75m ² K/W*

*Guarded hotbox method / ISO 9869

*MD = longitudinal CD = transversal

"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to. Visit partel.com for the most up to date information"

Advantages

Our **Internal reflective** Vapour Control Layer (VCL) helps to **improve the thermal performance** of a structure via **reflecting up to 97%** of the internal heat from inside the structure back into the building. Used in conjunction with Echofoil Exo it increases thermal performance further and helps to lower U values.

- ✓ Lowest emissivity on the market reflecting up to 97%
- ✓ Water resistant (W1)
- ✓ Damp proofing
- ✓ Significant improvement of thermal resistance and insulation properties
- ✓ Humidity controlling and insulating
- ✓ Great durability
- ✓ Optimal UV Stability



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