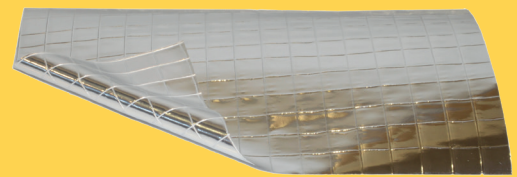


Maximum reliability. Minimum fuss.



Technical Data Sheet



THERMO VCL200

Weatherproofing Products

Application

- + For use on the warm side of insulation to protect against condensation and provide airtightness

Key Features

- + Incorporates an energy-saving thermo-reflective surface
- + Multi-purpose membrane: air barrier + thermo-reflective + vapour control layer
- + Suitable for roof, wall and floor installations
- + Acts as an air barrier to control ventilation
- + Controls vapour to minimise interstitial condensation
- + High tensile strength reinforcement
- + Choice of grades

Product

Product code	Roll size
THERMO VCL200	1.6m x 50m

Performance Standards

Products are manufactured to internationally recognised European and British Standards. Quality Assured to ISO 9001 with full batch traceability.

ASTM C137104A

Standard test method for determination of emittance of materials near room temperature.

BS 3177

Method for determining the permeability to water vapour of flexible sheet materials.

BS 5250

Code of Practice for the control of condensation in buildings.

DIN 53122

Determination of the water vapour transmission rate of plastic film, rubber sheeting, paper, board and other sheet materials by gravimetry.

EN 1931

Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of water vapour transmission properties.

IP4/06 BUILDING RESEARCH ESTABLISHMENT

Airtightness of ceilings, energy loss & condensation risk.

Technical Information

Product data	Characteristic Value
National Building Specification	H30 31 J21 31 41 42 K10 11 12 21
Thermo-Reflective	Yes
Weight gsm	103
Colour	Silver/Transparent
Tensile Strength N/50mm	MD 150 XD 150 EN 12311-1
Nail Tear Resistance Newton	MD 100 XD 90 EN 12310-1
UV stability exposure (months)	3
Flame Retardant	Class F EN 13501-1
Water Vapour Permeability Gm ² 24 hr ⁻¹	0.5 ASTM F 1249-90
Water Vapour Resistance MNs/g	<630 BS 3177
Thermal Reflectivity ASTM C1371-04a	0.64
Thermal Emissivity ASTM C1371-04a	0.36
Size metres	1.6 x 50
Roll weight KG	8.8
Pallet quantity rolls	50



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OHSAS 18001