

Maximum reliability. Minimum fuss.



Technical Data Sheet

THERMO VCL300



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 VCL300	1.6 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	270
Colour	Silver/Green
Tensile Strength N/50mm	MD 250 XD 250 ISO 527-3
Nail Tear Resistance Newton	MD 180 XD 250 EN 13859
UV stability exposure (months)	3
Flame Retardant	Class F EN 13501-1
Water Vapour Permeability Gm ⁻² 24 hr ⁻¹	<0.01 DIN 53122
Water Vapour Resistance MNs/g	<25,000 BS 3177
Thermal Reflectivity ASTM C1371-04a	0.54
Thermal Emissivity ASTM C1371-04a	0.46
Size metres	1.6 x 50
Roll weight KG	23
Pallet quantity rolls	25



Merlin House
Seven Mile Lane
Borough Green
Sevenoaks
Kent
TN15 8QY

Enquiries

0845 450 7483

International

+44 (0) 1732 882387

Fax

0845 450 7486

Email

info@fixfast.com



Certificate number 10905
ISO 9001, ISO 14001
OHSAS 18001