

Maximum reliability. Minimum fuss.



# Technical Data Sheet



AVCL170 Vapour Control Layer

## Weatherproofing Products

### Application

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

### Key Features

- + Suitable for roof, wall and floor installations
- + Reinforced polyethylene with high tensile scrim reinforcement
- + Air barrier for controlling ventilation
- + Controls vapour to minimise interstitial condensation
- + Choice of grades

## Product

Product code	Roll size
AVCL170	2.0 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 Buiding Specification	H30 31 J21 31 41 42 K10 11 12 21
Weight gsm	210
Colour	Clear
Tensile Strength N/50mm	MD >170 XD >170 EN 13934-1
Nail Tear Resistance Newton	NT
UV stability exposure (months)	3
Water Vapour Permeability Gm <sup>2</sup> 24 hr <sup>-1</sup>	0.61 DIN 53122
Water Vapour Resistance MNs/g	336 BS 3177
Size metres	2.0 x 50
Roll weight KG	21.5
Pallet quantity rolls	33



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