

# Product Datasheet

## Alumasc Polyethylene AVCL

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### Description

Polyethylene air and vapour control layer designed for use in warm roof constructions, installed beneath mechanically fastened thermal insulation boards.

### Application

Loose laid, with minimum side and end laps of 100mm, sealed with Alumasc Butyl Tape.

### Product Data

|                 |                     |
|-----------------|---------------------|
| Thickness       | 0.30mm              |
| Colour          | Black               |
| Weight          | 220g/m <sup>2</sup> |
| Weight per roll | 36kg                |
| Length          | 4m                  |
| Width           | 50m                 |

\* Rolls are supplied folded in four.

### Technical Properties

|                        |                    |
|------------------------|--------------------|
| Tensile Strength       | MLV ≥ 135          |
| Elongation             | MLV ≥ 300          |
| Water Vapour Diffusion | 72 (Sd)            |
| Vapour Resistance      | 360 (MNs/g)        |
| Vapour Resistivity     | 1,200,000 (MNs/gm) |
| μ-Value                | 240,000            |

### Alumasc Butyl Tape

|        |       |
|--------|-------|
| Length | 12m   |
| Width  | 0.15m |

### Fire Performance

Reaction to Fire: Class F in accordance with EN 13501-1.

### Storage

Store horizontally in the original packaging, in a clean, dry location, away from heat sources.

### Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from [www.alumascroofing.com](http://www.alumascroofing.com).

### Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400  
 Email: [technical@alumascroofing.com](mailto:technical@alumascroofing.com)

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