

# Product Datasheet

## Alumasc Polyethylene Separator Sheet

Sheet No: PD102aFR

Issued: November 2018

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### Description

Alumasc Polyethylene Separator Sheet is a water vapour permeable, non-woven polyethylene geotextile, light grey in colour.

### Use

For use as a water control layer over Alumasc Extruded Polystyrene inverted thermal insulation boards (see PD100aFR) in order to reduce the cooling effect of rainwater, and therefore improving the thermal performance of the underlying Alumasc Extruded Polystyrene inverted insulation boards. Can be used at zero falls. Note: substitution with any other layer will have an adverse effect on the thermal efficiency of the system.

### Application

Loose lay over the insulation boards at right angles to the roof slope, with 300mm overlaps. Do not overlap against the flow of water. Extend sheet at edges and penetrations to finish no lower than ballast/paving level. The product can easily be cut with scissors. Do not use a knife.

### System Fire Rating

F.AA to BS 476 Pt 3: 1958 - External fire exposure to roofs, when used as a protected ballasted or paved system. Product melts and shrinks away from heat sources.

### Storage

Store in a clean, dry location, away from heat sources.

### Product Data

Thickness	0.15 mm
Width	3.0m
Length	100m
Weight	60g/m <sup>2</sup>
Weight per roll	18.0 kg
Colour	Light grey

### Performance Data

Tear resistance to BS3137	940kN/m <sup>2</sup>
Water vapour resistance	0.17 MN.s.g <sup>-1</sup>
Water resistance BS EN ISO 811:2018	No penetration at 1.0m head of water

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### Health & Safety

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

### 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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