

## EasyFLEX Flamesure

High-Performance, Fire-Retardant Membrane

### DESCRIPTION

EasyFLEX Flamesure is a high performing heavy gauge fire retardant material that can be used for general fire protection or in the production of composites. The material consists of a woven glass substrate coated on one side with an exceptional halogen free, low smoke fire retarding compound.

Flamesure has been tested to European standard EN 13501-1 - fire classification of construction products and building elements - acquiring the highest A1 rating

### APPLICATIONS

High-performing fire barrier for membranes, cladding and facades.

### PRODUCT BENEFITS

- Exceptional fire-retardant performance levels - Class A1 highest rating for EN13501-1, construction
- Withstands fire exposure for over 90 minutes at temperatures greater than 1000 deg C \*\*
- Halogen free so no acid gas is formed in a fire situation
- Low smoke emissions and non-toxic in fires allowing valuable time for safe evacuation
- Low VOC content\*
- REACH and RoHS compliant
- Lightweight and conformable for ease of handling
- Wind and water resistant to W2 - acts as a second line of defence against rainwater penetration
- High vapour permeability - measured to an Sd level of 0.06 - helping to prevent condensation

### Accreditation:

\* Tested by University of Huddersfield

\*\* Verified by internal test method

## TECHNICAL PROPERTIES

Technical Property Nominal Value Unit Test Method

Mass per unit area:	230 g/m <sup>2</sup> BS EN ISO 2286 -2
Thickness:	0.195 mm BS EN ISO 2286 - 3
Tensile Strength:	>200 N/cm BS EN ISO 1421
Limiting Oxygen Index:	>90 % BS 2782 part 1
Temperature Index:	>1000 °C BS/EN ISO 4589 - 3
Reaction to fire, freely suspended:	PASS A1 EN 13501- 1
Water Vapour Transmission:	(SD: H2O) 0.06 Sd (m) EN ISO 12572:2016
Water Penetration Resistance:	PASS W2 EN 13111

## STANDARD PRESENTATIONS

Note:

Width Tolerance: +/- 1.0mm Standard

colour: Natural

Max. Roll Size: 1200mm x 1400m, shorter roll lengths are available Standard sizes:

1200mm x 150m 1200mm

x 50m 600mm x 140m

Other sizes available on request

## RECOMMENDATIONS

EasyFLEX Flamesure

Will be supplied suitably packed to withstand the rigours of normal transportation and handling  
Rolls should be stored flat on their cut edges in the original packaging until required for use. Must be protected from dust, heat, moisture, direct sunlight and solvent fumes

The shelf life should not be less than 5 years if stored correctly in a moderate climate and good conditions

This Technical Data Sheet (TDS) is provided by EasyFLEX Roofing ApS for information purposes only. The contents of this TDS are believed to be reliable; however, no guarantee of accuracy is given. The results shown may not be relevant to all users or applications, and it is the user's responsibility to determine the suitability of the product for its intended purpose. EasyFLEX Roofing ApS disclaims, to the fullest extent permitted by law, all express or implied warranties, including merchantability and fitness for a particular purpose, and accepts no liability (whether direct, indirect, or consequential) arising from use of the product or reliance on this TDS. Nothing in this disclaimer excludes liability for death or personal injury arising from negligence or fraud.

Version: 2

Generated Date: 10-06-2026

Page: 2 of 2

[www.easyflexroofing.dk](http://www.easyflexroofing.dk)

Product Code: Flamesure