

## Product Datasheet

## Alumasc Eurobord &amp; Eurobord TS Recovery Board

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Issued: May 2018

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**Description**

Overlay boards consisting of expanded perlite, binders and fibres. Alumasc Recovery Board TS has a coating of bitumen (approx. 350 g/m<sup>2</sup>), protected by a sacrificial polypropylene film.

Boards meet the requirements of EN 13169.

Production is covered by ISO 9001 and ISO 14001 certifications.

**Uses**

Roofing overlay board under waterproofing systems for:

- Refurbishment over an existing waterproofing layer,
- Suitable for all types of building, roof accessibility, under all waterproofing systems: mechanically fastened, fully bonded or torch-applied.

Thickness (mm)	13	15
R <sub>D</sub> (m <sup>2</sup> K/W)	0.20	0.25

**Advantages**

- Compression and indentation resistant
- Resists heavy foot traffic both during and after installation
- Excellent dimensional stability
- Heat sink for organic insulant (under mastic asphalt)
- Ecological and recyclable
- Certified thermal properties
- Flat, robust overlay board for any new waterproofing layer - bituminous, PVC or mastic asphalt
- Protection for mineral fibre boards against crushing
- Compatible with solar photovoltaic panels

Characteristics	Value	Unit	Standard
Length,width	1200 x 600 or 1000	mm	EN 822
Thickness	13, 15	mm	EN 823
Nominal density	210	kg/m <sup>3</sup>	EN 1602
Declared thermal conductivity, λ <sub>D</sub>	0.060	W/m.K	EN 13169
Compressive stress at 10 % deformation	≥ 300 (av. 450)	kPa	EN 826
Compressibility class	D E	-	UEAtc IGLAE
Application type	DAA	-	DIN 4108-10
Application classification	dm, dh, ds	-	DIN 4108-10
Point load (on 50 cm <sup>2</sup> ) at 2 mm deformation	≥ 2000	N	EN 12430
Compressive creep extrapolates at 10 years under 100kPa	≤ 2	mm	EN 1606
Water absorption by total immersion	≤ 0.07	kg/dm <sup>3</sup>	EN 13169
Dimensional stability - after 48h at 23°C and 90% RH, length and width / thickness - after 48h at 70°C and 50% RH, length and width / thickness	≤ 0.5 / 1.0 ≤ 0.5 / 1.0	% %	EN 1604
Specific heat capacity (without coating)	900	J/kg.K	EN ISO 10456
Water vapour diffusion resistance factor, μ (without coating)	5	-	EN ISO 10456
Reaction to fire classification (Euroclasse) - Retrofit - Retrofit S	D-s1,d0 F	-	EN 13501-1

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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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