

Product Datasheet

Hydrogard 40 Protection Sheets

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 Pages: 1 of 1

Description

Hydrotech Protection Sheets are a range of non-woven polyester reinforced, polymer-modified bitumen protection sheets, with a black mineral or plain sanded surfaced upper side, and a thermo-fusible polyethylene/polypropylene film on the underside.

Use

As a protection sheet for Hydrotech Monolithic Membrane 6125 systems, normally beneath or behind inverted insulation board.

The standard product has a sanded upper surface, for use where concealed beneath insulation or other coverings, but is also available with a mineral surface for any exposed applications.

Anti-Root versions (AR) of both products are available.

Application

Laid directly into the upper surface of Hydrotech, with 75mm Hydrotech sealed overlaps.

Storage

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

Fire Rating

Hydrotech inverted roof systems are fire rated BROOF14 to EN 1187/4, enabling their use without restriction according to the Building Regulations.

Product Data

| | Hydrogard 40 Sanded | Hydrogard 40 Sanded AR | Hydrogard 40 Mineral | Hydrogard 40 Mineral AR | Derbigum Anti-Root |
|--------------------|-----------------------|------------------------|-----------------------|-------------------------|-----------------------|
| Thickness | 3.0 mm | 3.0 mm | 3.5 mm | 3.5 mm | 4.0 mm |
| Width | 1.0 m | 1.0 m | 1.0 m | 1.0 m | 1.1 m |
| Root Resistant | No | Yes | No | Yes | Yes |
| Length | 10 m | 10 m | 10 m | 10 m | 7.27 m |
| Weight | 3.0 kg/m ² | 3.0 kg/m ² | 3.5 kg/m ² | 3.5 kg/m ² | 4.2 kg/m ² |
| Weight per roll | 30 kg | 30 kg | 35 kg | 35 kg | 37 kg |
| BBA 90/2431 listed | Yes | No | Yes | No | Yes |

Performance Data

| | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------|------------|
| Tensile Strength – longitudinal | >500 N/50 mm | >500 N/50 mm | >500 N/50 mm | >500 N/50 mm | 700 N/50mm |
| Tensile Strength – transverse | >350 N/50 mm | >350 N/50 mm | >350 N/50 mm | >350 N/50 mm | 650 N/50mm |
| Elongation at break – longitudinal | 40% | 40% | 40% | 40% | 45% |
| Softening point | 130°C | 130°C | 130°C | 130°C | 150°C |
| Cold Flex | -10°C | -10°C | -10°C | -10°C | -15°C |

Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from www.alumascroofing.com.

Technical Support

Technical advice is available from Alumasc Technical Services at:

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

The company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.

Our company policy is one of continuous research and development; we therefore reserve the right to amend content herein without prior notice.