

Product Datasheet

Hydrogard 20AR Root Barrier/Protection

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Description

Hydrogard 20AR is a root resistant protection sheet, formulated from APP modified bitumen (incorporating Preventol B2 root inhibitor) with a polyester reinforcement, a sanded upper surface, and a polyethylene film to the underside.

Use

In buried or inverted roofing systems, the Hydrogard 20 AR acts as a protection sheet to the Hydrotech MM6125 monolithic membrane which waterproofs the structure for the design life of the building. The APP-modification to the Hydrogard 20 AR inherently provides UV resistance. However, where the membrane is to be exposed to UV either permanently (e.g. on upstands) or for prolonged periods of time between installation of the waterproofing and surface/insulation layers (i.e. in excess of 6 months), the Hydrogard 40 MN high performance protection layer is to be specified.

Application

Laid directly into the second coat of Hydrotech, with torch-sealed 100mm side and end laps.
Do not seal the overlaps with Hydrotech membrane.

Storage

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

Fire Rating

When used in green roofs, the use of the membrane will be unrestricted under the national requirements (England & Wales: B4(2), Scotland: Mandatory Standard No 2.8.1, Northern Ireland: Regulation E5)

Product Data

Thickness	2.0mm
Width	1.0m
Length	20.0m
Weight	1.8 kg/m ²
Weight per roll	32 kg

Performance Data

Tensile Strength – longitudinal	>450 N/50mm
Tensile Strength – transverse	>400 N/50mm
Elongation at break – longitudinal	30%
Softening point	90°C
Cold Flex	-10°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

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