

Product Datasheet

Derbigum Mineral

Sheet No: PD003FR
Issued: March 2022
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Description

Derbigum Mineral is an APP/TPO plastomer modified, composite reinforced, mineral surfaced, high performance flat roofing membrane which is UV resistant and does not require any additional surface coating. It is available in a Charcoal colour finish, with other colours available to order.

Use

For use as a torch applied cap sheet in in a traditional built-up roofing system, in both new build and refurbishment projects, or as a cold applied single layer system on selected projects.

Note: Not suitable for use in Bluroofs or green roofs – use Derbigum Black/Derbigum Anti-Root – see separate data sheets.

Approvals

British Board of Agrément Certificate No's 86/1593 and 18/5563.

Application

Fully bonded by torch application with 4 Bar propane gas torch equipment (or in Derbibond NT by squeegee or spray gun, at the specified coverage rate per square metre, on selected cold applied applications).

- Laps can be sealed either by torch application or hot-air welding.
- Lap sizes (all systems): 100mm side, 150mm end.
- All overlaps must be with the slope. Always position the membrane starting from the lowest point.
- Position the membrane sheets staggered, avoiding any overlaps against the roof fall.
- Cut the corners of membrane sheet which will be laid under the next sheet at a 45° angle (100 x 100mm).
- The second layer of membrane will be applied astride and over the first one, always in the same direction, and approx. 1/4 of its length from the previous sheet.
- The bituminous membrane will be applied with a propane gas torch to the substrate. It is necessary to heat the entire surface, making sure that the compound forms a liquid mass in front of the roll to ensure that it saturates any superficial porosity.
- Once torched, the side laps (100mm) and head laps (150mm) must be pressure rolled with a long handled 15kg roller from which a bead of compound should flow, therefore avoiding having to trowel the overlaps.
- Apply the vertical membrane sheet making sure that it overlaps the horizontal one by at least 100mm, heating it with a gas torch and squeezing it with a trowel until a bead of compound appears from underneath.
- The height of the vertical details must be equivalent or superior to the finished surface by at least 150mm.

Fire Rating

BROOF(t4) to BS EN 1187/4 (Test method for external fire exposure to roofs) allowing unrestricted use as defined by the Building Regulations.

Storage

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

Product Data

Thickness	4.0mm at selvedge (4.5mm including mineral)
Width	1.1m
Length	7.27m
Weight	5.5 kg/m ²
Weight per roll	44 kg

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Performance Data

Tensile Strength – longitudinal	900 N/50mm
Tensile Strength – transverse	700 N/50mm
Elongation at break – longitudinal	40%
Elongation at break – transverse	40%
Unrestricted shrinkage	<0.1%
Softening point	>140°C
Cold Flex	-18°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.

