

Product Datasheet

Derbigum Black

Sheet No: PD001FR
 Issued: July 2021
 Pages: 1 of 2

Description

Derbigum Black is an APP/TPO plastomer modified, dual reinforced, high performance, self-finished flat roofing membrane which is UV resistant and does not require any additional surface coating (although stone chippings or solar paint may be applied if desired). The membrane is black in colour although it might appear to be tinted grey initially, until it has weathered.

Use

For use as a torch applied cap sheet in in a traditional built-up roofing system, in both new build and refurbishment projects, including Bluroofs, or as a cold applied single layer system on selected projects. Also suitable for use under podium decks and roadways, and in tunnels, bridges and underground car parks etc, Derbigum Black can receive hot-rolled asphalt directly.

It is also available in an anti-root version for green roof applications, see separate data sheet.

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: 100mm side, 150mm end (150mm side and end for Bluroofs and other zero falls applications).
- 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 and head laps 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, and away from heat sources.

Product Data

Thickness	4mm
Width	1.1m
Length	8.0m
Weight	4.2 kg/m ²
Weight per roll	37 kg

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Pages: 2 of 2

Performance Data

Tensile Strength – longitudinal	700 N/50mm
Tensile Strength – transverse	650 N/50mm
Elongation at break – longitudinal	45%
Elongation at break – transverse	45%
Unrestricted shrinkage	<0.1%
Softening point	150°C
Cold Flex	-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.

