

Description

Derbigum AR cap sheet is a root resistant APP/TPO plastomer modified, dual reinforced, self-finished flat roofing membrane which is UV resistant and does not require any additional surface coating. The membrane is black in colour although it might appear to be tinted grey initially, until it has weathered.

Use

Root-resistant reinforced cap sheet for use in built-up roofing systems on both new-build and refurbishment projects beneath green roof applications.

Approvals

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

Application

Fully bonded by torch application.

- Laps can be sealed either by torch application or hot-air welding.
- Lap sizes: 100mm side, 150mm end, pressure rolled simultaneously with a long-handled 15kg lap roller.
For zero-fall and absolute zero-fall roof constructions, including blue roof assemblies, all laps must be increased to 150mm.
- Position the membrane starting from the lowest point of the roof.
- Membrane sheets must be staggered, avoiding any overlaps against the fall.
- Pre-cut the lower corner of the end of each roll at 45° where it will be overlapped by the end lap of the next roll.
- Apply the second layer of membrane astride and over the first layer (always in the same direction and approximately 1/4 of its length from the previous sheet).
- Heat evenly across the surface, maintaining a liquid bitumen mass in front of the roll (saturating any superficial porosity).

Storage

Store upright in a clean, dry location, 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

All dimensions are nominal and subject to manufacturing tolerances.

Performance Data

Tensile Strength – longitudinal	700 N/50mm
Tensile Strength – transverse	650 N/50mm
Elongation at break – longitudinal	45%
Elongation at break – transverse	45%
Dimensional stability	<0.2%
Softening point	150°C
Cold Flex	-15°C

Health & Safety

Copies of Alumasc Safety Data Sheets can be downloaded from the Alumasc Roofing [website](#).