

Rootbar

Torch On Mineral Capsheet

Rootbar capsheet is a polyester reinforced SBS-modified bitumen membrane with root inhibiting additives.

INTENDED USE

Rootbar capsheet is intended for use as a torch-applied capsheet in a bitumen built-up roof system suitable for use beneath roof gardens or terraces. Membranes should be installed in accordance with the BMI installation guidelines.

Upper Surface	Mineral granules with thermofusible PE film to 75 mm overlap seldge
Lower Surface	Thermofusible PE film
Material	SBS-modified bitumen
Type of Reinforcement	Polyester 180g/m ²

Characteristic	Test Method	Value or Statement	Tolerance	Units
Length	BS EN 1848-1	8	±0.1	m
Width (inc. Selvedge)	BS EN 1848-1	1	±0.02	m
Mass per unit area	BS EN 1849-1	5.0	±0.25	kg.m ²
Effective thickness	BS EN 1849-1	4.0	±0.2	mm
Water tightness (EN 1296)	BS EN 1928 (B)	pass	-	-
Water tightness (EN 1847)	BS EN 1928 (B)	pass	-	-
External fire performance*	BS EN 13501-5	Brooft4	-	-
Tensile strength	BS EN 12311-1	740 (MD); 540 (TD)	±20%	N/50 mm
Elongation	BS EN 12311-1	40 (MD); 49 (TD)	±20%	%
Dimensional stability	BS EN 1107-1	≤ 0.5	-	%
Resistance to static loading	BS EN 12730 (A)	20	MLV	kg
Resistance to impact	BS EN 12691 (B)	1500	-	mm
Root Penetration Resistance	BS EN 13948	pass	-	-
Resistance to Cold Blend	BS EN 1109	≤ -15	-	°C
Flow resistance at elev. temp	BS EN 1110	≥ 100	-	°C

MD = Machine Direction. TD = Transverse Direction.

PACKAGING

Description	Roll Dimensions	Rolls per pallet	Product Code
Rootbar Green	1m x 8m	25	10001459

STORAGE

Materials for reinforced bitumen membrane roofing should be stored upright on clean dry level surfaces, undercover and clear of the ground. The same protection should be given to materials temporarily kept outdoors or on the roof during construction. Storage temperatures should be between 0°C and 30°C. Refer to BS 8000-4 (Section 2.1.2.2) for further information.

INSTALLATION SUMMARY

Rootbar membranes are applied by torch-on application. The membrane is to be installed in accordance with current and relevant standards such as BS 8217, BS 6229 and BS 8000-4.

For further details please consult our Flat Roofing Product Installation Guidelines or contact our BMI Icopal technical services team.

TECHNICAL SERVICES

For further information and technical support, please contact our technical services team:

T: +44 (0) 330 123 4585

E: technical.uk@bmigroup.com

CERTIFICATION

Rootbar has been independently site and laboratory tested by the British Board of Agrément, and awarded BBA certificate number 05/4269 (PS1).



SAFETY, QUALITY & ENVIRONMENT

BMI Icopal membranes are manufactured under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 2015, by TÜV NORD CERT GmbH.

Information regarding transportation, handling, storage and disposal can be found on the relevant Safety Data Sheet.



ISO 9001:2015
44 100 21410102



ISO 14001:2015
44 100 21410102



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Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact BMI Icopal technical services team.