

ThermoSolo

ThermoSolo is a polyester/glass composite reinforced SBS-modified bitumen membrane with mineral granules on the upper surface.

INTENDED USE

ThermoSolo is intended for use as a torch-applied single layer top sheet for overlaying existing bituminous roofing where a partial bond is required. Membranes should be installed in accordance with the manufacturer's guidelines.

Upper Surface	Mineral granules with thermofusible PE film to overlap selvedge
Lower Surface	Red SYNTAN resin with SBS bitumen stripes finished with thermofusible PE film
Material	SBS-Modified Bitumen
Type of Reinforcement	Polyester/Glass Composite 200g/m ²

Characteristic	Test Method	Value or Statement	Tolerance	Units
Length	BS EN 1848-1	7.5	±0.1	m
Width (inc. Selvedge)	BS EN 1848-1	1	±0.02	m
Mass per unit area	BS EN 1849-1	4.7	±0.27	kg.m ²
Effective thickness	BS EN 1849-1	5.2	±0.2	mm
Water tightness	BS EN 1928 (B)	Pass	-	-
Tensile strength	BS EN 12311-1	850 (MD); 850 (TD)	±35%	N/50 mm
Elongation	BS EN 12311-1	20 (MD); 20 (TD)	±20%	%
Resistance to static load	BS EN 12730(A)	≥ 15	-	kg
Resistance to impact	BS EN 12691(B)	1250	-	mm
Shear resistance of joints	BS EN12317-1	800	-	N/50 mm
Dimensional stability	BS EN 1107-1	≤ 0.5	-	%
Flexibility at low temperature	BS EN 1109	≤ -20	-	°C
Flow resistance at elev. temp	BS EN 1110	≥ 105	-	°C

MD = Machine Direction. TD = Transverse Direction.

PACKAGING

Description	Roll Dimensions	Rolls per pallet	Product Code
ThermoSolo Dark Grey	1m x 7.5m	25	10001397

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

ThermoSolo 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.

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



2797 CPR 505779

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

BMI Group UK Limited

BMI House, 2 Pitfield, Kiln Farm, Milton Keynes, MK11 3LW
bmigroup.com/uk

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.