

# Universal POCB Membrane

Universal POCB is a polyester/glass reinforced POCB modified bitumen membrane.

## APPLICATION

Universal POCB is suitable for use as an exposed membrane in a single layer roof system. Membranes should be installed in accordance with the manufacturer's guidelines.

<b>Upper Surface</b>	Polypropylene (PP) spunbond with printed overlap fixing line along one edge
<b>Lower Surface</b>	Polypropylene (PP) spunbond
<b>Material</b>	Polyolefin co-polymerisate binder (POCB)
<b>Type of Reinforcement</b>	Polyester-scrim glass fleece combination

Characteristic	Test Method	Value or Statement	Tolerance	Units
Length	BS EN 1848-1	10	±0.1	m
Width	BS EN 1848-1	1.0	±0.02	m
Mass per unit area	BS EN 1849-1	3.28	±10%	kg·m <sup>2</sup>
Effective thickness	BS EN 1849-1	3.2	±0.2	mm
Water tightness	BS EN 1928 (B)	Pass (D300 kPa)	-	-
External fire performance*	BS EN 13501-5	B <sub>ROOF</sub> (t4)	-	-
Reaction to fire	BS EN 13501-1	Class E	-	-
Tensile strength	BS EN 12311-1	1250 (MD); 1150 (TD)	-	N/50 mm
Elongation	BS EN 12311-1	30 (MD); 30 (TD)	±20%	%
Resistance to static load (soft)	EN 12730 (A)		±10%	kg
Resistance to impact (soft)	BS EN 12691 (B)	≥ 1250	-	mm
Resistance to tearing	EN 12310-1	300	-0.0 / +300	N
Dimensional stability	BS EN 1107-1	≤ 1.0	-	%
Water vapour diffusion value	EN 1931	20,000	-	μ
Flow resistance at elev. temp	EN 1110	≥ 150	-	°C
Joint peel resistance	EN 12316-1	50	-0.0 / +100	N/50 mm
Shear resistance of joints	EN 12317-1	800	-0.0 / +700	N/50 mm
Flexibility at low temperature	EN 1109	≤ -25	-	°C

MD = Machine Direction. TD = Transverse Direction.

\* The external fire performance is a system test, please contact BMI Icopal Technical Services to verify that the chosen system has the potential to meet your required performance prior to commencement.

## PACKAGING

Description	Roll Dimensions	Product Code
Universal POCB	10m x 1.0m	<b>10001478</b>

## STORAGE

Universal POCB rolls are delivered on pallets covered with a shrink wrap bag. The product must be transported and stored on end. If rolls are removed from the original pallet store on end, upright on a firm flat surface, dry and out of direct exposure to the elements. Protect from mechanical damage and heat sources.

If original packaging is removed, cover must be provided if product is to be stored outside. Storage temperatures must be between 0 °C and 40 °C. Stacking up to two pallets high is only permitted if the lower pallet rolls are reeled on a cardboard core. Plywood spacer boards must be placed between pallets.

Do not store where membranes are liable to come into contact with hydrocarbon solvents, such as petroleum spirit or diesel oil or other organic solvents.

## INSTALLATION SUMMARY

Universal POCB membranes are installed by adhesion or mechanical fixation. The membrane is to be installed in accordance with manufacturer's instructions and current and relevant standards such as BS 6229 and SPRA's Design Guide. For further details please consult our Flat Roofing Product Installation Guidelines or contact our BMI Icopal technical services team.

## CERTIFICATION

Universal POCB has been independently site and laboratory tested by the British Board of Agrément, and awarded BBA certificate number 17/5437 (PS1).



## SAFETY, QUALITY & ENVIRONMENT

BMI Icopal synthetic membranes are distributed 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 Safety Data Sheets.



ISO 9001:2015  
44 100 21410102



ISO 14001:2015  
44 100 21410102

## 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](mailto:technical.uk@bmigroup.com)



## BMI Group UK Limited

BMI House, 2 Pitfield, Kiln Farm, Milton Keynes, MK11 3LW  
[bmigroup.com/uk](http://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.