



Monarperm 700

Breather Membrane

Data Sheets

Physical Property	Result	Test Method
Size:	1.5m x 50m	
Colour:	Blue Surface / Anthracite Underside	
Thickness:	0.6mm	
Weight:	140gm ²	
Water Vapour Transmission:	1196gm ⁻² day ⁻¹	BS 3711 (25°C/75%RH)
Water Vapour Resistance:	0.17 MNsg ⁻¹	BS 3711 (25°C/75%RH)
Hydrostatic Head of Water:	7.31m	BS EN 20811
Water Resistance:	Pass	BBA T1/15(°)
Nail Tear Resistance:	87N (md), 83N (td)	MOAT 27 :5.4.1
Tensile Strength:	233N/50mm (md), 162N/50mm (td)	EN ISO 527-3 (Test Speed 100mm min ⁻¹)

IDENTIFICATION

Monarperm 700 is a breathable polypropylene pitched roof underlay, and is used in to reduce wind load on slates and tiles and to provide a secondary water-shedding layer against wind-driven rain or snow.

CERTIFICATION

Monarperm breather membranes have been site and laboratory tested by the British Board of Agrément and awarded BBA certification.



Certificate No: 02/3932 & 03/4062

DESCRIPTION

Monarperm 700 is manufactured by laminating a plastic film between two polypropylene fabric layers to form a breathable waterproof membrane. The membrane is produced with a blue upper surface and an anthracite underside, and printed with overlap guidelines and the product name.

STRENGTH

Monarperm breather membranes combine excellent tensile strength characteristics with high puncture and nail tear resistance.

UV RESISTANCE

Monarperm breather membranes are resistant to Ultra-Violet light degradation, but should be covered as soon as possible. Monarflex EavesGuard must be used at the eaves.

DURABILITY

Monarperm breather membranes are designed to have a serviceable life equal to the primary roof covering performance.

QUALITY ASSURANCE

Monarperm is manufactured under a Quality Management System approved to ISO 9001: 2000 by BSI Quality Assurance.



Certificate No: Q5556

COMPATIBILITY

Monarperm breather membranes are compatible with most materials normally used within roof substructures and finishes. It may be cut and applied using techniques described in the current BS 5534: Part 1 (Slating and Tiling: including shingles). There are no harmful side effects associated with the material. Monarperm is not suitable for use with solvent based timber treatments.

INSTALLATION DETAILS

Monarperm must be installed and fixed in accordance with the manufacturer's instructions and the relevant recommendations of BS 5534-1: 1997 and BS 8000-6:1990. Monarflex EavesGuard must be used at eaves. Installation can be carried out under all conditions normal to roofing work. Fixing instructions are enclosed with the roll.

Icopal Limited

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**WORLD LEADER
IN
WATERPROOFING**

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TYPICAL SPECIFICATION

Monarperm 700 breather membrane as manufactured by Icopal Ltd, Barton Dock Road, Stretford, Manchester, M32 0YL. The underlay is to be installed and fixed in accordance with the manufacturer's instructions and in accordance with the relevant recommendations of BS 5534-1: 1997 and BS 8000-6:1990. Monarflex EavesGuard must be used at eaves.

NBS SPECIFICATION

Monarperm 700 breather membrane is specified using the following clauses:
H61/240, H62/240, H65/240.
Product: Monarperm 700 breather membrane.
Manufacturer: Icopal Ltd, Barton Dock Road, Stretford, Manchester, M32 0YL. Tel: 0161 865 4444
Fax: 0161 865 8433.

DELIVERY AND STORAGE

Monarperm 700 is delivered to site in rolls individually shrink-wrapped and labelled. Installation instructions are printed on the back of the product label.

Rolls must be stored horizontally on a clean dry surface and under cover for protection from the weather.

HEALTH AND SAFETY

Health and safety data sheets are available for all materials. Please contact Icopal Technical Services Department for further information.

HANDLING

Monarperm is non-injurious to the skin and can be handled without protective clothing.

TECHNICAL SERVICES

Specialist advice and design guidance on all matters relating to Monarperm breather is freely available from our Technical Department at the address below.

NOTE: This information is given in good faith being based on the latest knowledge available to Icopal Limited. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice. Up to date information is available from the Technical Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume, based on any information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.

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