



Multi-Ply

ENVIRONMENTAL ROOFING SYSTEMS

Adhered Single Ply
Roofing Membrane

www.multiplyroofingsystems.co.uk



Adhered Single Ply Roofing Membranes

Performance Advantages

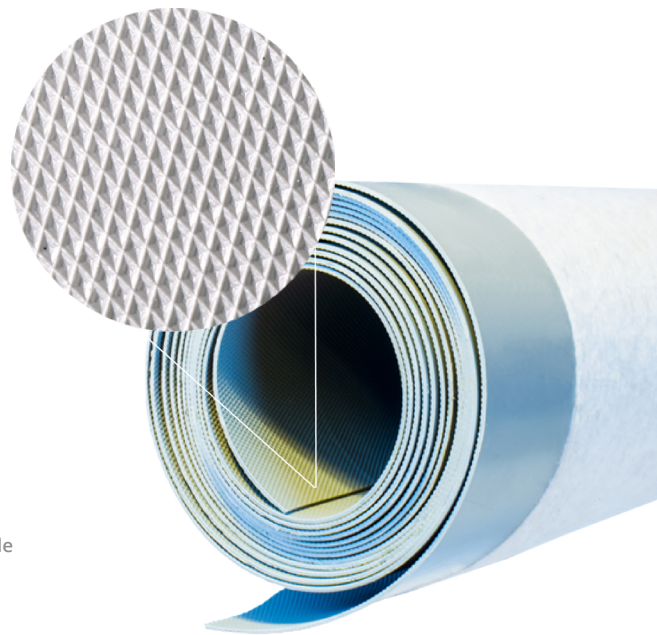
We have developed Multi-Ply to provide a roofing membrane to suit all roof types, for both refurbishments and new-builds, as well as warm and cold-roof constructions.

Critically, we wanted a roofing membrane that was so robust, we'd be confident in offering a 20-year guarantee.

We've spent years developing this wonderful roofing product – taking the utmost care to ensure that your premises will be protected by the most durable, maintenance-free, safe roofing membrane that money can buy.

Here are the key benefits of Multi-Ply -

- Exceeds industry standard with 1.5mm thickness
- ❄ Flexible in cold temperatures
- ✓ Long life - comes with 20 years warranty
- ☀ Highly UV Resistant
- ♻ Environmentally friendly - Recyclable
- ⚡ Hot air weld giving super high seam strength, re-weldable throughout lifetime
- 🏋 High elongation rate & tensile strength
- ~ High flexibility for easy detailing
- 👣 Non Slip surface



Specially Formulated

For a product as specialised and innovative as Multi-ply, we only use our specially formulated adhesive, guaranteed to give you years of maintenance-free protection.

- Fleece & polyester back
- Warm roof, cold roof applied
- Insulation and membrane on top
- Perfect for industrial gutter lining
- Works for new roofs and refurbishment



20
YEARS

7+
YEARS

24
YEARS

Technical Data

Multiply Fleece-Backed Membrane		
Characteristic	Test Standard	
Visible Defects	EN 1850-2	Complies
Straightness	EN 1848-2	≤ 50mm
Flatness	EN 1848-2	≤ 10mm
Water Tightness to Liquid State, 10 Kpa *	EN 1928 Method B	Complies
Reaction to Fire	EN 13501-1	Class E
Characteristics of Roof Exposed to External Fire	ENV 1187	B _{ROOF} (t1)
Joint Peel Resistance	EN 12316-2	≥ 150N/50mm
Joint Shear Resistance	EN 12317-2	≥ 650N/50mm
Tensile Strength	EN 12311-2	≥ 800N/50mm
Elongation at Break	Method A	≥ 60%
Impact Resistance	EN 12691 Method A	Complies 1,250mm
Impact Resistance	EN 12691 Method B	Complies 2,000mm
Resistance to Static Load	EN 12730 Method B	Complies 20kg
Tear Resistance	EN 12310-2	≥ 250N
Dimensional Stability	EN 1107-2	Max ± 1%
Foldability at Low Temperature	EN 495-5	≤ -35° C
Exposure to UV Radiation, High Temperature and Water	EN 1297	Complies, Grade 0
Water Vapour Properties	EN 1931	8,200 ± 2,000
Resistance to Root Penetration	EN 13948, FLL Test	Complies

* The sample also complies at a pressure of 60kPa

Suitable for both new build and refurbishment applications, in both warm roof and cold roof constructions. Multi-ply is most applicable to concrete deck applications where mechanical fixings are to be avoided. Multi-ply can also be used for tanking on cold store composite panels.

For refurbishment applications the condition of the existing surface must be sound and remain firmly attached, before works can start.

For all roofing systems with an adhered application, Multi-ply is bonded to the surface using a polyurethane based adhesive to secure it against wind uplift forces.

Our adhesive is coloured red to ensure a good even visible coat is applied.

The Multi-ply has a unique added safety feature with a textured diamond non-slip surface, lowering the risk of slips and falls.

Installation & Applications

Multi-Ply Environmental Roofing Systems - ideal for:

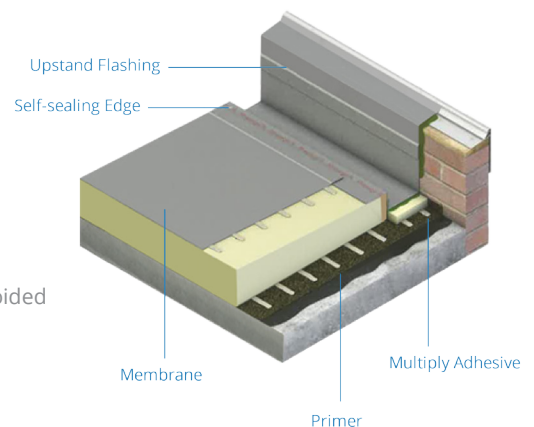
- warm and cold-roof constructions
- both new-builds and refurbishments
- concrete deck applications, where mechanical fixings are to be avoided
- tanking on cold store composite panels



Warm Roof Applied



Cold Roof Applied



Concrete deck example

Manufacturing control system certificate No. 1390-CPD-0028/07/Z of waterproofing to Standard CSN EN 13956-2006

Certificate EN ISO 9001 and EN ISO 14001



GB 12952-2003



ISO9001:2000
200701



ISO4001:2004
280241

Project examples



VW Wymbush, Milton Keynes



Office roof, Wembley



VW Blakelands, Milton Keynes

VW Wymbush, Milton Keynes

Technical wing - 1,800m² roof refurbishment works

General Office Wembley

Replacement roof covering for office block.

VW Blakelands, Milton Keynes

Atrium guttering detail replaced and installed



Health & Safety

Multi-Ply does not constitute a hazard under the COSHH Regulations under normal conditions of use.



Waste Disposal

Multi-Ply can be disposed of in accordance with local regulations. The clean waste material can be recycled. Any contaminated waste must be disposed of in accordance with local regulations.



Testing

Plastic roofing and waterproofing sheet tested to DIN 16725



Colour

Available in standard colour - Light/dark Grey (The fleece-backing is always white).



FOR FURTHER INFORMATION PLEASE CALL US ON 01604 591195 OR
EMAIL US AT INFO@OAKLEAF-ROOFING.CO.UK

