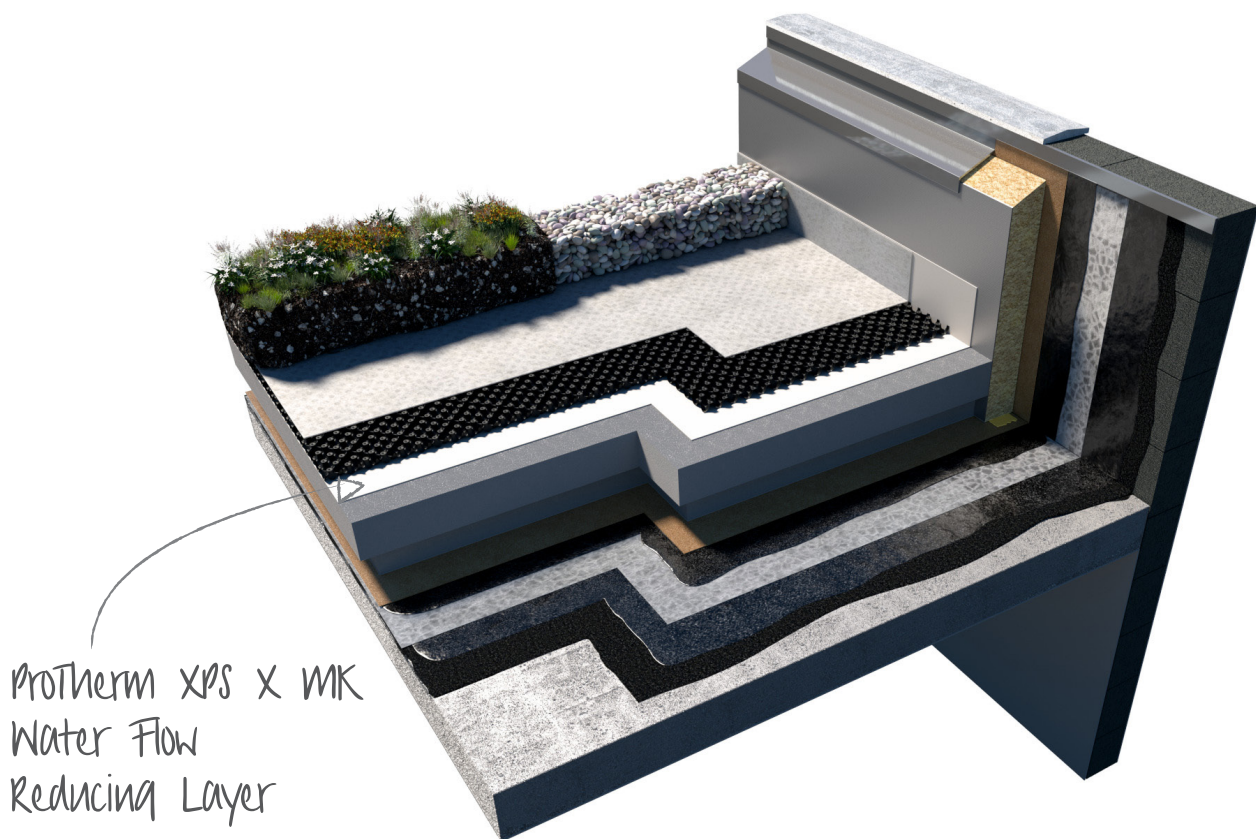


ProTherm XPS X MK

Product Data Sheet



ProTherm XPS X MK

Water Flow Reducing Layer

General Information

ProTherm XPS X MK Water Flow Reducing Layer is a spun bonded polyethylene geotextile based upon Tyvek® by DuPont that is waterproof and vapour permeable.

ProTherm XPS X MK Water Flow Reducing Layer replaces the usual separating layer laid between the insulation and ballast, prevented from reaching the waterproofing layer and almost completely eliminating the rainwater cooling effect.

When installed with ProTherm G XPS X 300 SL Inverted Roof Insulation or ProTherm G XPS X 500/700 SL Inverted Roof Insulation in an inverted roof ProTherm XPS X MK Water Flow Reducing Layer reduces the rainwater cooling, reducing the required insulation thickness by 2%.

For use with PermaQuik PQ6100, EshaUniversal, EshaFlex and ParaFlex Inverted Roofing Systems.

For a comprehensive NBS J31 specification contract Radmat Building Products.

Certificates

ISO 9001: 2008 Quality Management System, ISO 14001: 2004 Environmental Management System, EPD as per ISO 14025 and EN15804.

Installation Instructions

Lay ProTherm G XPS X 300 ULTRA/ProTherm G XPS X 300 SL.

Unroll and loose lay over the insulation, unrolling across the slope/direction of fall at the bottom of the slope next to the parapet wall or upstand.

Overlap the next roll by 300 mm creating an unsealed overlap joint in the downward direction of the roof slope/fall. When doing runs longer than the roll offset the 300mm wide end laps roll to roll in a brick bond fashion.

Temporary ballast as you go, checking the side and end laps remain at 300mm wide.

Cut separate strips for use at upstands and penetrations. Cut with scissors and take care not to damage the ProTherm G XPS X 300 ULTRA/ProTherm G XENERGY SLP insulation. Ensure the strips are wide enough to provide a 300mm overlap onto the flat roof at the base and high enough to terminate at the level of the finishes. At the bottom of the slope/fall tuck beneath the first flat sheet installed.

At drainage outlets star cut the WFRL and turn down into the insulation board.

At square or rectangular penetrations cut strips of WFRL wide enough overlap 300mm beneath the flat WFRL and reach the level of the finishes.

At soil vent pipes or round penetrations, the 300mm base of the WFRL should be star cut and tucked beneath the flat WFRL.

A separate piece of WFRL should then wrap the pipe to the height of the finished to aid continuity.

Delivery conditions

Delivery form

Shrunk wrapped on a pallet.

Storage and transport

During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.

Product identification

Information on the pack;

Product name.

Dimensions.

Approvals.

Production date.

ProTherm XPS X MK

Water Flow Reducing Layer

PRODUCT DESCRIPTION

Appearance top side	Light grey
Core	Spun bonded polythylene
Appearance bottom side	Off white

DECLARED PERFORMANCE

Essential Characteristics	Performance	Unit	EN Code	Standard
Roll length	100	m	-	-
Width	3	m	-	-
Weight	19	kg	-	-
Fabric weight	60	g/m ²	-	-
Water vapour resistance	0.17	MNs/g	-	BS 3177: 1959
Tear resistance (mullen burst strength)	940	kN/m ²	-	BS 3137: 1972 (1987)
UV Exposure	up to 4 months	-	-	-
Water resistant	substains 1.0m head of water	-	-	MOAT 27: 5.1.4.2: 1983
Fire performance	Melts and shrinks away from a heat source (unclassifiable as regards Building Regulations).	-	-	-

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. 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.

For further information on Radmat products and services please call **01858 410372**, email tech enquiries@radmat.com or visit our website www.radmat.com

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