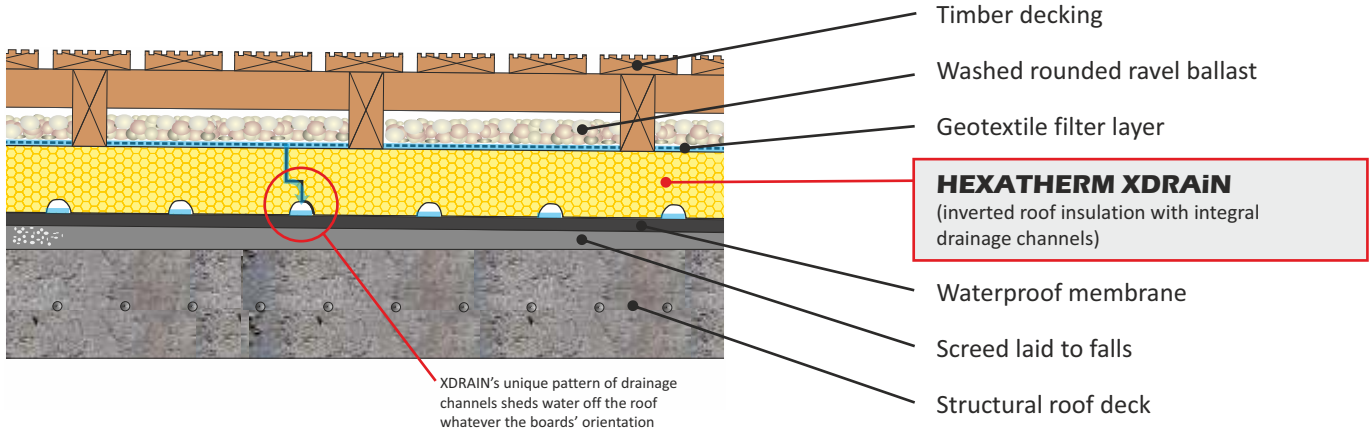


Insulation ballasted with timber decking and washed rounded gravel
 Insulation with integral drainage channels
 1:60-1:80 Falls

XR.5



PRODUCT INFORMATION



XDRAIN extruded polystyrene inverted roofboards have with a unique pattern of drainage channels on their underside specifically which speeds up the shedding of rainwater, eliminating the need for a separation drainage mat.

PRODUCT BENEFITS

- ⬡ Excellent life-long thermal performance
- ⬡ Integral drainage channels
- ⬡ Very low water absorption
- ⬡ High compressive strength

PHYSICAL PROPERTIES

	XDRAIN	XROOF 300L
Thermal Conductivity BS EN 12667 (W/mK)	≤60mm 0.035	≥70mm 0.035
Compressive strength BS EN 826	300 kPa	300 kPa
Compressive strength BS EN 1606	125 kPa	125 kPa
Long term water absorption by immersion BS EN 12087	0.7%	0.7%
Temperature range	-50/+75 °C	-50/+75 °C
Board size (mm)	600 x 1250	600 x 1250
Thickness' (mm) (other sizes manufactured to order)	50 60 75 80 100 120 140 160	50 60 75 80 100 120 140 160
Edge profile	Shiplap	Shiplap

TYPICAL THICKNESS OF INSULATION REQUIRED

HEXATHERM XDRAIN ^(A)	Thickness of insulation required for a 200mm concrete deck					
	160	190*	220*	250*	300*	360*
	0.25	0.20	0.18	0.16	0.14	0.12
	U-value (W/m²K)					

Notes:
 Thickness calculated in accordance with EN ISO 6946
 (A) Based on 0.03 fx, 3mm/day average rainfall
 *Additional layer of XROOF 300 required

THIRD PARTY ACCREDITATION & APPROVALS

BM TRADA** Q Mark
 NHBC, LABC and Premier Guarantee accepted
 BREAM MAT 6 compliant***

STANDARDS

EN 13164: 2012
 ISO 9001 - Quality management system (QMS)**
 ISO 14001 - Environmental management system (EMS)**



ENVIRONMENTAL CREDENTIALS



CODE FOR SUSTAINABLE HOMES

The following Code for Sustainable Homes credits are obtainable as a result of incorporating **HEXATHERM** into the construction detailed.

Pol 1		Mat 1	
		Element N°	812530050
GWP value	<5	Green Guide rating	C
Code credits	1	Code credits	0.5

Note. Pol.1 Code credits have an approximate weighted value of 0.7

Note. Mat 1 Code credits have an approximate weighted value of 0.3

Currently undergoing assessment. *On completion of ISO14001 assessment