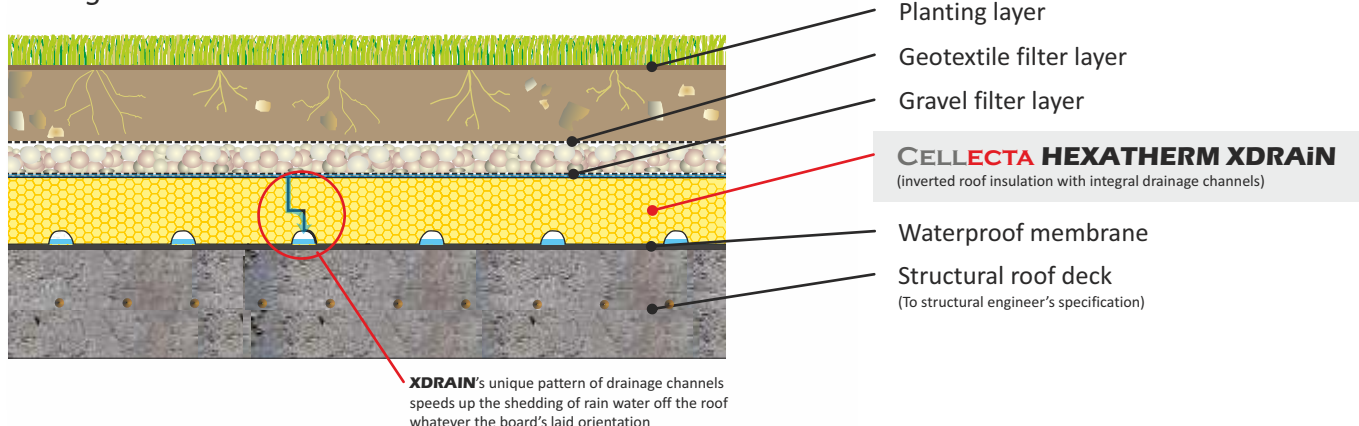


INVERTED FLAT GREEN ROOF



CELLECTA HEXATHERM XDRAIN insulation ballasted with planting layer
Insulation with integral drainage channels
0° Fall

WT9.igr1



Product Information



CELLECTA's XDRAIN extruded polystyrene inverted roof boards have a unique pattern of drainage channels on their underside, which speeds up the shedding of rainwater whatever their laid orientation, eliminating the need for a separation drainage mat, making them ideal for green roof applications.

Key Benefits

- Integral multi-directional drainage channels
- Very low water absorption <0.7%
- Excellent life-long thermal performance
- High compressive strength
- Closed cell structure

Physical Properties

		XDRAIN
Thermal Conductivity EN 12667	W/mK	0.033 ≤80mm 0.034 >81mm
Strength at 10% compression EN 826	kPa	300
Strength at 2% compression EN 1606	kPa	-50/+75
Long term water absorption by immersion EN 12087	%	>0.7
Board size	mm	600 x 1250
Thickness* available (other sizes manufactured to order)	mm	50, 60, 75, 80, 100, 120, 140, 160, 180, 200
Edge profile	-	Shiplap

*Not applicable under Q-mark Certification

Typical Thickness of Insulation Required

HEXATHERM XDRAIN^(A)	Thickness of insulation required for a 200mm concrete deck				
	160	190*	210*	240	290
Notes.	0.25	0.22	0.20	0.18	0.16

Thickness calculated in accordance with EN ISO 6946 & ETAG 301-2010

(A) Based on 0.03 fx, 1.7mm/day average rainfall

(B) Based on 0.001 fx & 1.7mm/day average rainfall

* Additional layer of **XROOF 300** required

U-value (W/m²K)
Calculated in accordance with ISO 6946: 1997

Third Party Accreditation and Approvals



ISO 9001 N° 10224



BE 009119-1



Environmental Credentials



01634 29-66-77



collecta.co.uk



technical@collecta.co.uk