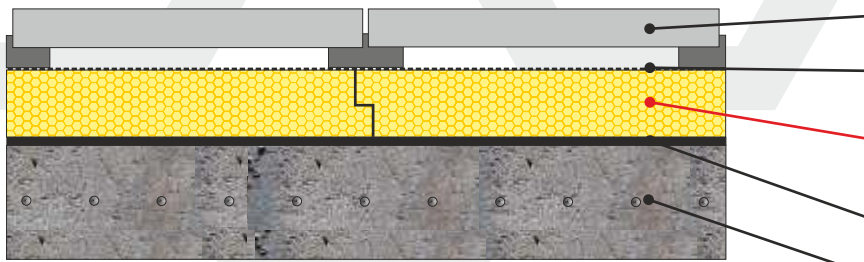


INVERTED FLAT ROOF

Insulation ballasted with washed paving slabs
0° Falls

Ir3



Paving slab on supports

Geotextile filter fleece

**CELLECTA HEXATHERM®
XROOF 300L/XDRAIN**

Waterproof membrane

Structural roof deck
(To structural engineer's specification)

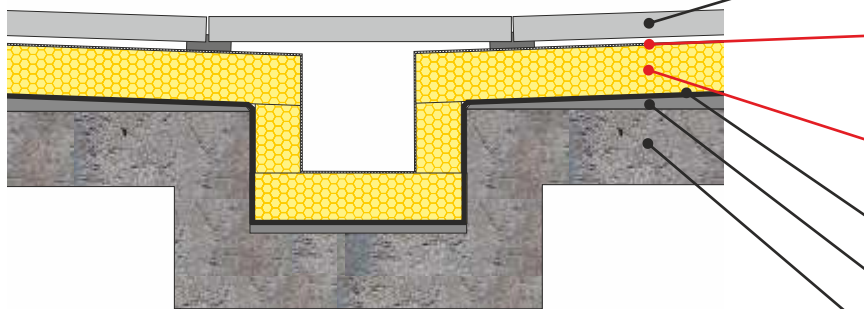
FASTRACKCAD
ARCHITECTURAL CAD DATABASES

n55Plus

FASTRACKBIM
ARCHITECTURAL BIM DATABASES

Drainage gully lining
Insulation ballasted with paving slabs
1:60-1:80 Falls

Ir4



Paving slab on supports

CELLECTA HEXATEX
(thermal improvement membrane)
or Geotextile filter fleece

**CELLECTA HEXATHERM®
XROOF 300L/XDRAIN**

Waterproof membrane

Screed laid to falls

Structural roof deck
(To structural engineer's specification)

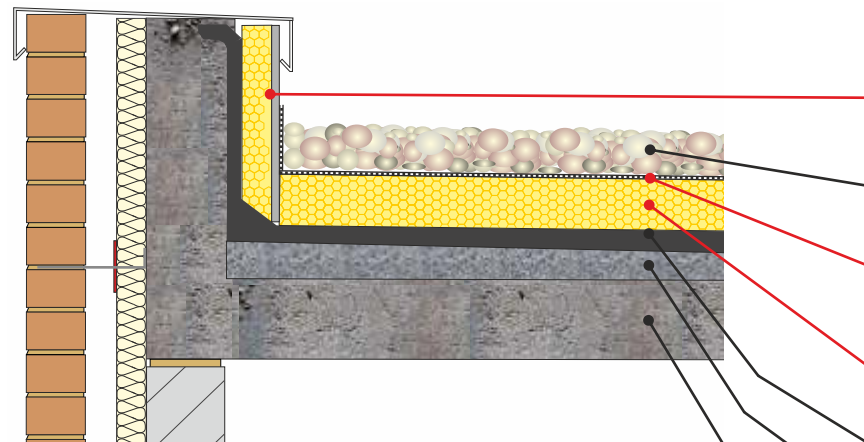
FASTRACKCAD
ARCHITECTURAL CAD DATABASES

n55Plus

FASTRACKBIM
ARCHITECTURAL BIM DATABASES

CELLECTA HEXATHERM® XMD Vertical up-stand insulation board
Insulation ballasted with washed rounded gravel
Suitable for roofs with and without falls

Ir5



CELLECTA HEXATHERM® XMD
(Vertical up-stand insulation)
Thickness available: 6mm facing + 50 - 160mm insulation
Board dimensions: 1200mm x 2400mm
Thermal resistance: 0.033-0.034W/m²K

Washed rounded gravel ballast

CELLECTA HEXATEX
(Thermal improvement membrane)
or Geotextile filter fleece

**CELLECTA HEXATHERM®
XROOF 300L/XDRAIN**

Waterproof membrane

Screed laid to falls

Structural roof deck
(To structural engineer's specification)

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

n55Plus

FASTRACKBIM
ARCHITECTURAL BIM DATABASES

Product Information



XROOF 300L

XROOF 300L extruded polystyrene thermal insulation boards are designed specifically for inverted roof applications where a high resistance to compression and very low water absorption is essential.

Product Benefits

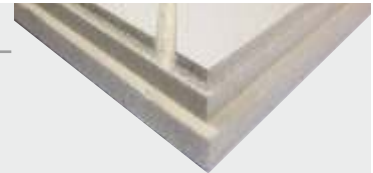
- ⬡ Excellent life-long thermal performance
- ⬡ High compressive strength
- ⬡ Very low water absorption
- ⬡ Closed cell structure

Physical Properties

		XROOF 300L
Thermal Conductivity BS EN 12667 (W/mK)	≤80mm	0.033
	≥81mm	0.034
Compressive strength BS EN 826		300 kPa
Compressive strength BS EN 1606		125 kPa
Long term water absorption by immersion BS EN 12087		0.7%
Temperature range		-50/+75 °C
Board size (mm)		600 x 1250
Thickness* (mm) (other sizes manufactured to order)		50 60 75 80 100 120 140 160
Edge profile		Shiplap

*Not applicable under Q-mark Certification

Product Information



XDRAIN

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, making them ideal for green roofs.

Product Benefits

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

Physical Properties

		XDRAIN
Thermal Conductivity BS EN 12667 (W/mK)	≤80mm	0.033
	≥81mm	0.034
Compressive strength BS EN 826		300 kPa
Compressive strength BS EN 1606		125 kPa
Long term water absorption by immersion BS EN 12087		0.7%
Temperature range		-50/+75 °C
Board size (mm)		600 x 1250
Thickness* (mm) (other sizes manufactured to order)		50 60 75 80 100 120 140 160
Edge profile		Shiplap