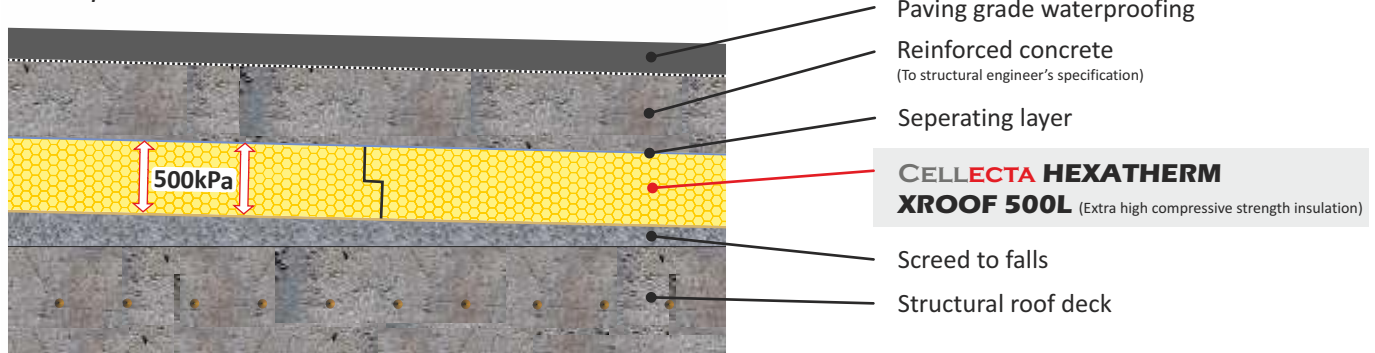


CELLECTA **HEXATHERM XROOF 500L** insulation placed below reinforced concrete and paving grade waterproofing

WT9.cpd1



FASTRACKCAD
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Product Information

XROOF 500L

CELLECTA's XROOF 500L extruded polystyrene roof boards have an extra high compressive strength and excellent thermal performance, making them ideal for high load applications such as plant rooms and car park decks applications.

Key Benefits

- Extra high compressive strength - 500kPa
- Excellent life-long thermal performance
- Closed cell structure
- Very low water absorption
- 100% Recyclable

Physical Properties

		XROOF 500L
Thermal Conductivity EN 12667	W/mK	0.035
Strength at 10% compression EN 826	kPa	500
Strength at 2% compression EN 1606	kPa	180
Long term water absorption by immersion EN 12087	%	>0.7
Board size	mm	600 x 1250
Standard thickness' (other sizes manufactured to order)	mm	50, 60, 75, 80, 100, 120, 140, 160, 180, 200
Edge profile	-	Shiplap

Typical Thickness of Insulation Required

	Thickness of insulation required for a 200mm concrete deck					
HEXATHERM XROOF 500L ^(A)	130*	170*	180*	210*	240*	280*
Note.	0.25	0.20	0.18	0.16	0.14	0.12

* Multiple layers of XROOF 500 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



New car dealership, Nottingham: XROOF 500L - 100mm



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