

### CELLECTA HEXATHERM XCPL insulation mechanically fixed to underside of the slab

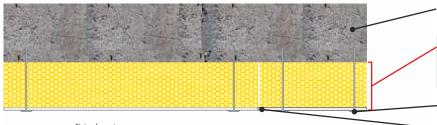
In-situ concrete slab (To structural engineer's specification)

(High impact faced thermal laminate) Option 1: Grey - 6mm cementitious board Option 2: White - 6mm Glasroc multiboard

Stainless steel fixing anchors Intumescent mastic sealant

CELLECTA HEXATHERM XCPL

## WT9.sl1



Fixing	layout
--------	--------

0	•	0	0	٥	0	0	0	0	0	
	White facing				Grey facing					
•	۰	•	0	٥	0	0	0	۰	٥	
•	0	0	•	٥	0	0	0	0	0	_ X
0	0	۰	0	0	0	۰	0	۰	٥	= Y
										Z
0	0	•	0	0	0	0	0	0	0	_
										Z
	0		0	0	0	0	0	۰	0	- v

- X 3 6mm expansion gap between boards
- Y Fixings set in at 50mm (min) from board edge
- Z Fixings set at 600mm maximum centres







# **Typical Thickness of Insulation Required**

Thickness of concrete slab (mm)	HEXATHERM® XCPL (mm)						
200	120	140	160	170	190		
150	120	140	160	170	190		
	0.25	0.22	0.20	0.18	0.16		

U-value (W/m²K)

Calculated in accordance with ISO 13370

# **Product Information**



**CELLECTA**'s **XCPL** combines the benefits of a high performance **HEXATHERM** extruded polystyrene with a Class O, high impact facing board to produce an attractive composite thermal lining board, ideal for car park and soffit lining applications.

# **Key Benefits**

- Smooth high impact Class O facing
- Two colours available: White & grey
- Excellent life-long thermal performance
- Easy to install
- Very low water absorption

#### **Physical Properties**

		<b>XCPL</b>
Thermal Conductivity EN 12667	W/mK	0.034
Strength at 10% compression EN 826	kPa	300
Temperature range	°C	-50/+75
Long term water absorption by immersion EN 12087	%	>0.7
Board size	mm	1200 x 2400
Thickness' available - including 6mm high impact Class O facing (other sizes manufactured to order)	mm	56, 66, 81, 86, 106, 126, 146, 166
Edge profile	-	Square

HEX	ATHI	ERM®	XCPI	_ (mm)
120	140	160	170	190
120	140	160	170	190
0.25				0.16
	120 120	120 140 120 140 0.25 0.22	120 140 160   120 140 160   0.25 0.22 0.20	

#### **Third Party Accreditation and Approvals**







BE 009119-1





## **Environmental Credentials**













