



1	Built-up felt membrane	4	Mechanical fixing
2	XPLY plywood/ insulation composite	5	100mm mineral wool quilt
3	Mastic sealant	6	Vapour check plasterboard

PRODUCT INFORMATION

XPLY extruded polystyrene/plywood composite

Facing

12mm Far Eastern grade marine plywood (8, 15 and 18 available upon special request)

Compressive strength

280kPa

Thickness' available (mm)

Insulation core: 50, 60, 65, 70, 75, 80, 100
Plywood facing: 12 (8, 15 and 18 available upon special request)

Board sizes (mm)

1200 x 2400

Typical thickness' of insulation required

U-value W/m ² K	Overall thickness of XPLY (mm)	Thickness of mineral wool insulation (mm)
0.16	112	100
0.18	102	100
0.20	82	100
0.22	132	0
0.25	112	0

(Calculated in accordance with BS EN ISO 6946)

Note.

Calculation based on rafters set at 600mm centres, 3 layers of partially bonded built-up felt membrane and 12.5mm plasterboard ceiling finish.

BENEFITS



Excellent thermal performance



Recyclable



High resistance to water absorption



Structural deck



High compressive strength



Environmentally friendly