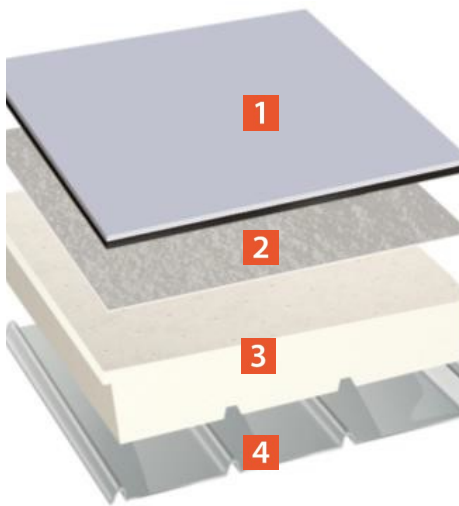


## SYSTEM SUMMARY

## Profiled Roof Overlay System




### Single layer sheet warm roof covering system - mechanically fixed

The Bauder Profiled Insulation Overlay System incorporates a bespoke expanded polystyrene (EPS) insulation board that is manufactured to match existing profiled metal roof coverings. This system includes a single ply waterproofing membrane to provide a long term, lightweight and durable solution.



Product	Description	thickness	weight
<b>1</b> Thermofol U12, U15, U18 & U20 membrane	Four membranes available with thicknesses of 1.2, 1.5, 1.8 and 2.0mm. The membranes are reinforced with a pre-coated polyester cross weave matting for high tear resistance required of a mechanically fastened membrane.	U15 1.5mm	1.92Kg/m <sup>2</sup>
<b>2</b> GV120 Separation Fleece	To separate EPS insulation from non Fleece-Backed Thermofol membrane.	0.75mm	0.12Kg/m <sup>2</sup>
<b>3</b> Profiled EPS Insulation	Expanded polystyrene insulation cut and shaped to match the profile of the existing metal roof covering. Achieving 0.18 u value.	180mm <small>(or as specification)</small>	4.2Kg/m <sup>2</sup>
<b>4</b> Existing Profile	Existing Profiled Metal Roof		
<b>Waterproofing System Build up</b>		<b>182.25mm</b>	<b>6.24Kg/m<sup>2</sup></b>

## SYSTEM OPTIONS

MEMBRANE COLOURS	
U12/U15/U18 & U20 Light grey RAL 7035	
U15 & U18 Blue grey RAL 7031	
U15 & U18 Anthracite RAL 7016	

INSULATION	Bauder Profiled EPS with ceiling	Bauder Profiled EPS with no ceiling
	Thickness (mm)	
Approx 'U' Value (W/m <sup>2</sup> K)		
0.35	90	95
0.25	130	130
0.18	180	185
0.15	220	220

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