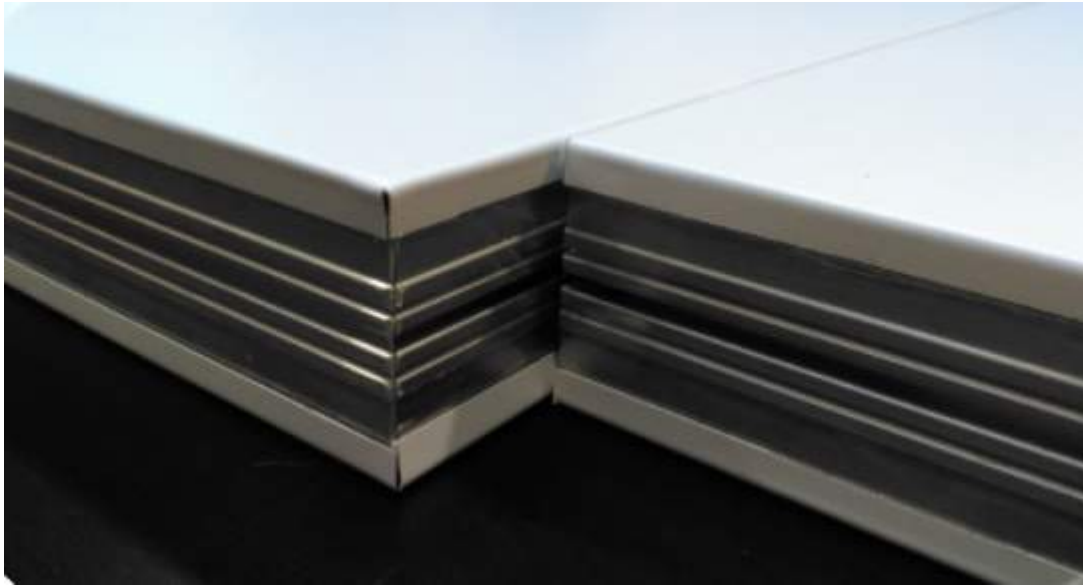




## Puracore® 65mm Ceiling Panel



Summary Specification	
Thickness	65 mm
Standard Dimensions	Up to 2500 mm x 1200 mm
Core	63.8mm 3/4" Aluminium Honeycomb
Skin	0.7mm Galvanised Steel Substrate
Finish for Galvanised Steel Substrate	PVC Laminate / White Polyester Painted / Primer Painted / P.E.T
Panel Frame	Aluminium 6063 Box Profile Extrusion 4 sided
Adhesive	Twin pack solvent free adhesive at 300g/m <sup>2</sup> per face
Tongue	Aluminium extruded cruciform.
Weight	16.89 kg/m <sup>2</sup>
Max. Length	2500mm with aperture. 3000 mm no aperture.
Max. Ceiling Capacity	<b>3KN/m<sup>2</sup> based on 2.5m span</b> Please see overleaf for span details
Fire Resistance	P.E.T / PVC Class O

Panel Deflections (mm)

Panel Span Length (mm)	BS EN 1991 Max. Deflection Requirement	1.5kN Loading	2.0kN Loading	2.5kN Loading	3.0kN Loading	Max Load Span / 200 kN / m <sup>2</sup>
2500 with no aperture	15mm	2.8 mm	3.8 mm	4.6 mm	5.5 mm	3.9 kN/m <sup>2</sup>
2500 Max aperture size 1200mm x 600mm	15mm	4.5 mm	6.1 mm	7.3 mm	8.6 mm	3.5 kN/m <sup>2</sup>
3000 with no aperture	20mm	5.9 mm	7.8 mm	9.8 mm	11.8 mm	3.0 kN/m <sup>2</sup>
3000 Max aperture size 1200mm x 600mm	20mm	8.6 mm	11.5 mm	N/a	N/a	2.0 kN/m <sup>2</sup>

1. Load span tables are based on 65mm standard backer faced aluminium honeycomb panel with 64 mm frame to 4 sides.
2. Values have been calculated using the method described in BS EN 6399 using criteria span/200.
3. Minimum support width of 50mm.