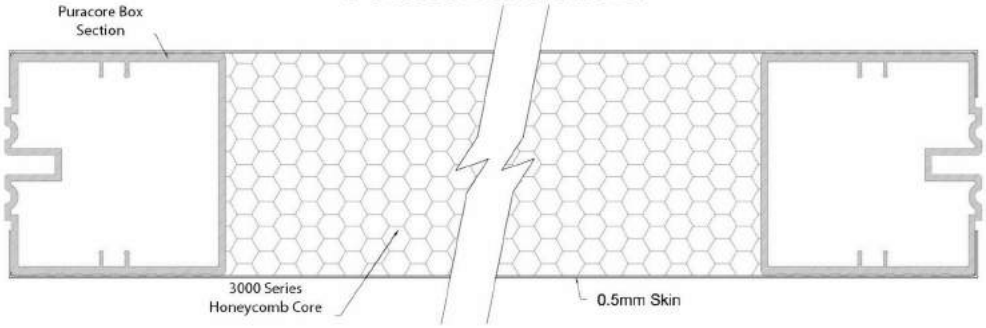
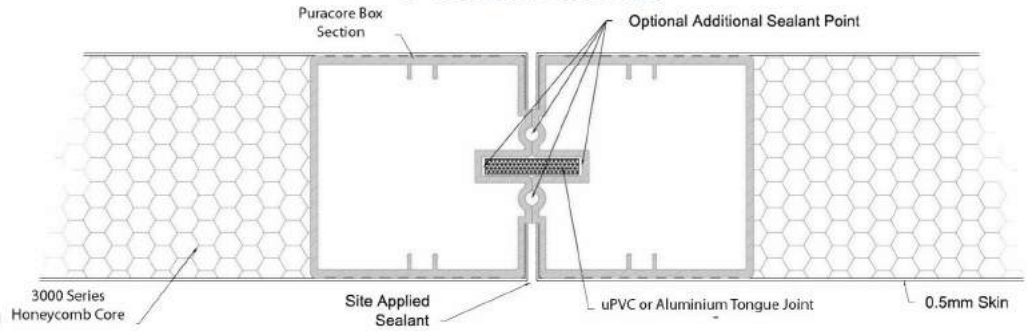
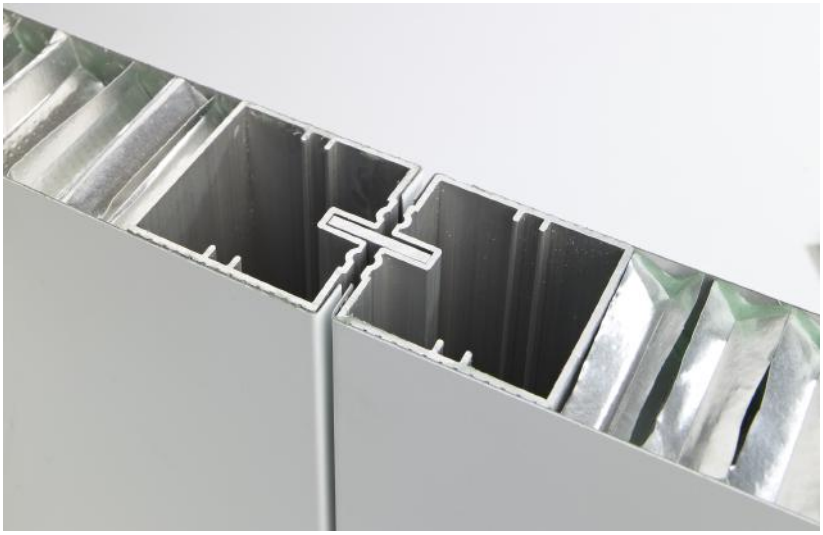
Puracore® 50mm Ceiling Panel

Framed Panel



Panel Joints





Summary Specification	
Thickness	50mm
Standard Dimensions	Up to 6000mm x 1200mm
Core	48.8mm ¾" Aluminium Honeycomb
Skin	0.5mm Galvanised Steel Substrate / Stainless Steel / Aluminium Powder Coat
Finish for Galvanised Steel Substrate	PVC Laminate / White Polyester Painted / Primer Painted / P.E.T
Panel Frame	Aluminium 6063 Box Extrusion 2, 3 or 4 sided
Adhesive	Twin pack solvent free adhesive at 300g/m² per face
Tongue Options	Flexible PVC / Rigid PVC / Aluminium 4 side cruciform
Weight	13kg/m²
Max. Length	6000mm
Max. Ceiling Capacity	3m to BSEN 1991 Please see overleaf for span details
Fire Resistance	P.E.T / PVC Class O

Standard Manufacturing and Span Sizes for Ceiling Panels

Puracore 50mm Aluminium Honeycomb panels exceed BS EN 1991 to a maximum ceiling span of 5000mm.

	Panel Deflections (mm)		
Panel Span Length (mm)	**BS EN 1991 Max. Deflection Requirement**	**Puracore HC Panel BS EN 1991 0.9kN/Point Loading**	**1.5kN/Point Loading**
3000	15mm	3.8mm	7.1mm
4000	20mm	10.3mm	17.6mm

Max. Permissible Span with Apertures	Contact technical support

1. Load span tables are based on 50mm standard backer faced aluminium honeycomb panel with 49mm 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.