



**Insulated Panels**  
Performance Overview

**ROOFING**  
CLADDING & SHEETING

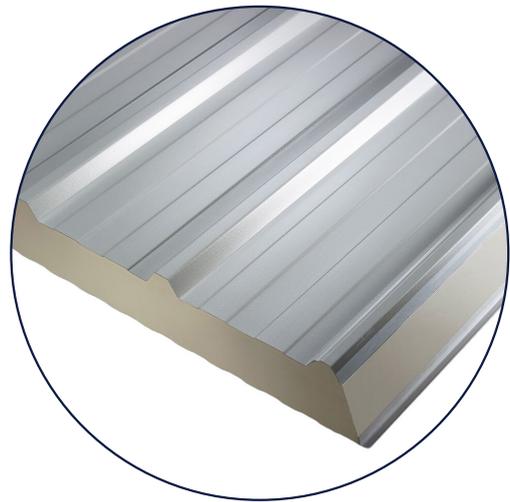
**CLADCO**  
ROOFING

# Insulated Panels Performance Overview

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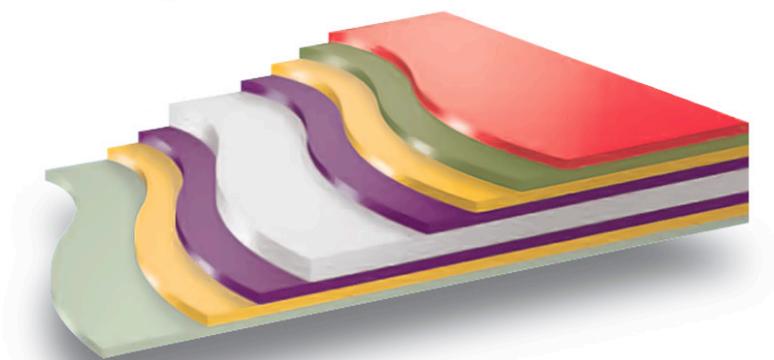
Insulated Panels come with a range advanced properties that give these composite Panels outstanding performance. Benefits include:

- Excellent water tightness
- Consistent insulation performance
- Fire resistance performance (22 minutes insulation and 4 hours integrity)
- High-quality, pre-finished steel coating
- Outstanding colour retention and corrosion resistance
- High BREEAM environmental credentials



	Test Results	Test Standards
<b>Thermal Performance</b>	0.46 W/m <sup>2</sup> K	EN 10211
<b>Water Penetration</b>	1200 Pa	EN 12865
<b>Fire Classification</b>	B - s2	EN 13501-1
<b>Colour Retention</b>	RUV4	EN 10169:2010
<b>Corrosion Resistance</b>	RC5	EN 10169:2010
<b>Air Tightness</b>	0.43 m <sup>3</sup> /h/m <sup>2</sup>	EN BS 12114

## Colorcoat® Pre-Finished Steel Layers



- Tested and manufactured to the highest quality standards.
- Products manufactured in UK are certified to BES 6001 Responsible Sourcing standard.
- Optimised metallic coating for exceptional corrosion resistance.
- Exceeds requirements of CPI5 as per EN 10169:2010, demonstrating excellent barrier properties when used internally.

### Key

<span style="color: red;">■</span> Topcoat	<span style="color: green;">■</span> Primer	<span style="color: orange;">■</span> Pre-treatment
<span style="color: purple;">■</span> Metallic coating	<span style="color: grey;">■</span> Base substrate	<span style="color: lightgreen;">■</span> Backing coat