

## LUXYCLAD® PRODUCT SPECIFICATIONS

### Technical Performance & Sustainability Summary

Category	Standard / Specification	Performance Detail
<b>Material</b>	<b>ASTM B221 / 6063-T5</b>	Extruded from 6063-T5 alloy, providing the structural rigidity required for high-exposure cladding. High-strength architectural grade extruded aluminum.
<b>Fire Safety</b>	<b>ASTM E84 / CAN-ULC S114</b>	Class A Fire Rated. Non-combustible material that does not produce toxic fumes even at extremely high temperatures.
<b>Finish Standard</b>	<b>AAMA 2604 / 2605</b>	Superior weatherability and color retention.
<b>Structural</b>	<b>ASTM E330</b>	Engineered to withstand high wind loads and static pressure.
<b>Water/Air</b>	<b>ASTM E331 / E283</b>	Rainscreen design for air leakage and water penetration control.
<b>Corrosion</b>	<b>ISO 9227 / ASTM B117</b>	Rigorously tested to ensure zero structural degradation in coastal and industrial areas. Built from architectural-grade aluminum. Engineered for superior weatherability.
<b>Sustainability</b>	<b>LEED v4</b>	Manufactured from 70% recycled content. Finished with hyper-durable powder coatings containing zero VOCs. 100% recyclable at the end of life cycle.