



Shadow Gap Cladding Technical Specification

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SHADOW GAP CLADDING TECHNICAL SPECIFICATION



Test Item	Test Method	Pass Requirements	Cladding
Flexural Properties Maximum Load	EN 15534-1 ANNEX A EN 15534-4 Table 3	F'MAX $\geq$ 3300N (Mean)	Mean 6032N
		F'MAX $\geq$ 3000N (Min)	Min 5817N
Flexural Properties Deflection	EN 15534-1 ANNEX A EN 15534-4 Table 3	Deflection under a load of 500N	
		Mean $\leq$ 2.0mm	Mean 0.31mm
		MAX $\leq$ 2.5mm	Max 0.32mm
Impact Strength	EN 15534-1 7.1.2.1	Pass	No Crack
Bending Strength	EN 15534-1 7.5	N/A	37.6Mpa
Falling Mass Impact Resistance	EN 15534-1 Section 7.1.2.1	None of 10 test specimens shall show a failure with a crack length $\geq$ 10mm or a depth of residual indentation $\geq$ 0.5mm	Max crack length: No Crack Appeared Max. Residual Indentation: 0.21mm
Water Absorption Boiling Test	EN 15534-1 8.3.3	Mean $\leq$ 7%	Mean $\leq$ 0.85%
		Individual $\leq$ 9%	Individual $\leq$ 0.90%
Fire	EN ISO 9239-1:2002 EN ISO 11925-2:2002 Exposure = 30s	In accordance with EN 13501-1	Class: E
Swelling after boiling test	EN 15534-1 8.3.3	N/A	Mean Swelling: 0.82% in Thickness 0.10% in Width 0.10% in Length Max. Swelling: 0.93% in Thickness 0.14% in Width 0.14% in Length
Modulus of Elasticity	EN 15534-1 7.5	N/A	3.30Gpa

Dimensions:
170x26x3600mm
Working Height:
150mm



Carbon Black



Brown Cedar



Antique Grey