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A VISION OF W HOTELS



agsTM

COMMERCIAL
CW150 CURTAIN WALL

CAPRAL
ALUMINIUM



AGS CW150 CURTAIN WALL

The CW150 Curtain Wall has been developed to provide a robust and flexible Curtain Wall solution for small to mid-sized curtain wall projects. While targeted at buildings up to a nominal 10 stories high, due to its superior design it may be used on larger projects depending upon wind loads.

The Key feature of the CW150 are its strict AS4284 testing regime and the co-development of building and mullion brackets. Proprietary brackets were designed to allow the fitment of vertical or horizontal sunshade directly on the mullions (not compatible with structural mullions) without sacrificing structural or water performance.

FEATURES AND BENEFITS

- 150mm frame
- Forward positioned glazing pocket gives a clean and modern external appearance
- Double glazed as standard with single glazed and spandrel options using inlay beads
- Can incorporate proprietary sun shade brackets integrated into the frame without sacrificing structural or water performance
- Structurally glazed vertical mullions available
- Proprietary building brackets provide for a fully tested system
- Compatible with 629 Flushline framing system providing a consistent look across your project
- Designed and tested as a wet glazed panellised system to AS4284. If AS2047 is specified, may be installed dry-glazed and non-panellised.



Capral's AGS range is extruded in Australia using LocAl® Green primary aluminium.

- Significantly lower carbon emissions than global averages for primary aluminium
- 8kg CO₂e/kg Al*
- ASI Certified Smelter



* Capral utilises a Mass Balance System in line with ISO 20095:2020 Chain of Custody to manage its LocAl Products. CO₂e emissions stated are ex smelter based on kilograms emitted per kilogram of aluminium produced – Aluminium Smelting and Casting, International Aluminum Institute (IAI)



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MAXIMUM PERFORMANCE

Serviceability Pressure	3000Pa*
Ultimate Pressure	4500Pa*
Water Penetration - Static	900Pa**
Water Penetration - Cyclic	1800Pa**

FRAME DIMENSIONS

Depth	150mm
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MAXIMUM RECOMMENDED SIZE

Panel Height	3500mm***
Panel Width	1500mm***
Panel Weight	210kg****

MAX. STACK JOINT MOVEMENT

Horizontal	10mm (+/-5mm)
Vertical	25mm (+15,-19mm)

GLAZING CAPACITY

Single Glazed	6-12mm
Double Glazed	24-28mm

WINDOW ENERGY RATINGS

Window ID	Glazing	Uw	SHGC	Tw	Air Inf
CAP-139-001	8.38CPClr	4.8	0.62	0.72	0.33
CAP-139-002	8.38CPNtl	4.9	0.47	0.52	0.33
CAP-139-003	10.38CPNtl	4.8	0.47	0.52	0.33
CAP-139-004	10.38CPClr	4.8	0.60	0.70	0.33
CAP-139-007	10ET	4.9	0.60	0.70	0.33

View full list of WERS rating at capral.com.au

* To satisfy AS4284, the CW150 must be wet glazed. If AS4284 not specified as a requirement, dry glazing may be used.

** AS4284, 2008 is more onerous than AS2047, 2014 and its testing also satisfies AS2047 requirements.

*** Maximum specifications for standard configurations. Contact Capral for further assistance in specifications outside these requirements.

**** Based on the maximum panel size of 3.5m x 1.5m with an equivalent of 16mm of glass (8/12/8).