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COMMERCIAL
CW116 CURTAIN WALL

CAPRAL
ALUMINIUM



AGS CW116 CURTAIN WALL

Tested to the requirements of AS4284, this system is ideal for use in small to mid-sized projects. Reaching up to 10 stories high in standard applications, it may be capable of greater heights depending on project design and wind load pressures.

The CW116 can be four-sided structurally glazed, providing a very sleek and modern facade. A key feature is the ability to integrate sun-shading directly into the frame without sacrificing structural or water performance. With both double and single glazing capabilities, this curtain wall offers a flexible solution for smaller projects.

FEATURES AND BENEFITS

- 116mm frame
- Structurally glazed system gives the appearance of a frameless glass façade
- Double glazed as standard, with single glazed options
- Sunshade bracket system allows the fixing of shading products to the frame without sacrificing structural or water performance
- Proprietary mullion and building brackets provide a fully tested system
- Designed and tested as a structurally glazed panelised system to AS4284
- External corner mullions



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 Aluminium Institute (IAI)



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MAXIMUM PERFORMANCE

Serviceability Pressure	1600Pa
Ultimate Pressure	4500Pa
Water Penetration - Static	600Pa*
Water Penetration - Cyclic	1200Pa

FRAME DIMENSIONS

Depth	116mm + Glass
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MAXIMUM RECOMMENDED SIZE

Panel Height	4200mm**
Panel Width	2300mm**
Panel Weight	190kg***

MAX. STACK JOINT MOVEMENT

Horizontal	10mm (+5mm; -8mm)
Vertical	25mm(+10mm / -17mm)

GLAZING CAPACITY

Single Glazed	6mm
Double Glazed	28 or 32mm

WINDOW ENERGY RATINGS

Window ID	Glazing	Uw	SHGC	T _w	Air Inf
CAP-159-020	AGG PRIME Clr 6/12/6	2.9	0.49	0.59	0.3
CAP-159-021	AGG PRIME Clr 8/12/8	2.9	0.47	0.58	0.3
CAP-159-023	AGG PRIME Gy 6/12/6	2.9	0.36	0.29	0.3
CAP-159-025	AGG PRIME Clr lam 6/12/6.38	2.9	0.48	0.59	0.3
CAP-159-038	AGG MAX Clr 6/12/6	2.7	0.25	0.56	0.3
CAP-159-039	AGG MAX LI 6/12/6	2.7	0.26	0.58	0.3

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

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

*** Based on the maximum panel size of 4.2m x 1.5m with an equivalent of 12mm of glass (6/16/6).

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