

The AGS Range CW116 Curtain Wall System



The Capral CW116 Curtain Wall system has been designed as an economical, four-sided, structurally glazed system that is suitable for small to mid-sized projects. An evolution of the highly successful CW175 Curtain Wall system, the CW116 shares a number of its extrusions and design features.

CW116 Curtain Wall System

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

A key feature of the CW116 Curtain Wall is the inclusion of tested building and mullion brackets, allowing the CW116 to be installed as a fully tested system without having to independently engineer brackets for each project.

Another key feature is the ability to integrate sun-shading directly into the frame without sacrificing structural or water performance. Coupled with both double and single glazed capabilities this curtain wall is the ideal aluminium glazing system for your next project.

Features and Benefits:

- 116mm x 65mm frame
- A fully structurally glazed system gives the appearance of a frameless glass façade
- Double glazed as standard, with single glazed options
- Sun shade 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 panellised system to AS4284

Maximum Recommended Sizes

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

Frame Dimensions (Depth & Height)

Depth	116mm
Height	65mm

Maximum Product Performance

SLS (Pa)	1600
ULS (Pa)	4500
WATER (Pa)	600Pa Static*** 1200Pa Cyclic

Glazing Details

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

Stack Joint Movement

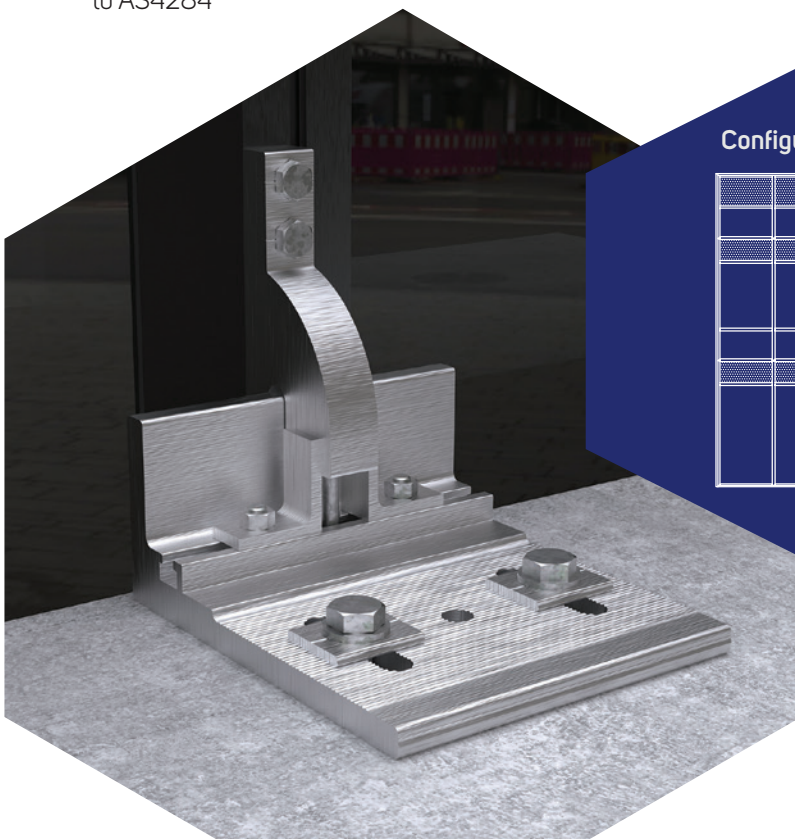
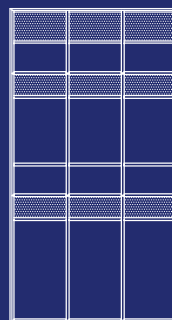
Vertical	Nominal 25mm (+10mm, -17mm)
Horizontal	Nominal 10mm (+5, -8mm)

*Maximum specifications for standard configurations. Where the requirements are outside these specifications, contact Capral for further assistance.

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

***AS4284, 2008 – Testing of Building Façades is more onerous than AS2047, 2014 – Windows in Buildings – Selection and Installation. AS4284 testing also satisfies the requirements of AS2047.

Configurations



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