

CASCADIA WINDOWS

Description

The 400 series is used for fixed, strip, and large 'punched' window applications, with a deep frame section to permit larger spans. It combines with our operable windows to provide versatile glazing systems.

Standard Features

These standards represent the quality and product features for all Cascadia windows and doors. Each product is then custom manufactured to project-specific design criteria; upgrades are available for even higher performance.

Glazing Units: IGU's are installed from the interior side.

- Standard IGU: Cardinal LoE² 270® All climate Solar Control. More efficient glazing units also available.
- Sound Transmission Class: STC ratings for glass only will range from low 30's to low 40's.
- Low conductivity stainless steel edge spacer.
- Dual edge seal (PIB and Silicone).

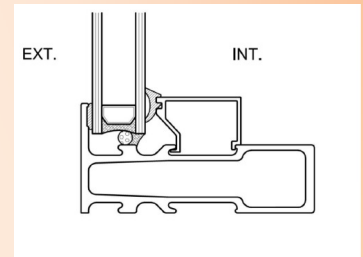
Finish: Hydro Tuff® waterborne 2-part acrylic coating available in 9 standard colours, and virtually any custom colour.

Joint Construction: Joints are butt connections and mechanically fastened together with shear blocks. Continuous bead of silicone sealant along joints. All fasteners are stainless steel.

Installation: Our preferred installation method is a combination of extruded aluminum clip anchors along the window head and jambs with a back dam angle at the sill. This allows for units to be installed from the interior or exterior. Traditional nail flange attachment is an option.

Options: Grilles, simulated divided lites, etc.

400 Series



DOUBLE GLAZED THERMAL VALUES :

U-Value	0.28
R-Value	3.57
SHGC	0.31
VLT	0.59
CR	62

TRIPLE GLAZED THERMAL VALUES:

U-Value	0.17
R-Value	5.88
SHGC	0.21
VLT	0.48
CR	73

AIR LEAKAGE RESISTANCE:

Fixed	0.002 cfm/ft ² (Fixed)
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WATER LEAKAGE RESISTANCE:

Fixed	15 psf (730 Pa)
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DESIGN WIND PRESSURE:

Fixed	65 psf (3120 Pa)
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NAFS-08 & 11 PRIMARY DESIGNATORS:

CW-PG65-FW – 78" x 99" (1981 x 2515 mm)
CW-PG65-FW – 99" x 78" (2515 x 1981 mm)