

CASCADIA WINDOWS

Description

The 302 series is the door version of our 300A and 300B series windows. It is available single or double leaf, with either a conventional sill (creating a raised threshold) or recessed threshold to meet ADA and FHA accessibility requirements in most situations.

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/replaced from the exterior 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).

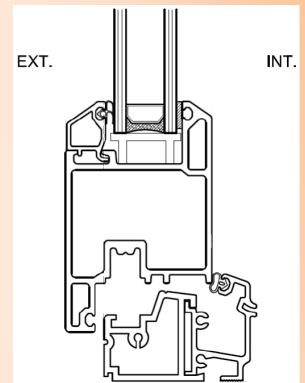
Finish: Hydro Tuff® waterborne 2-part acrylic coating available in 9 standard colours, and virtually any custom colour.

Joint Construction: Joints are miter cut 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, trickle vents (to meet Seattle ventilation requirements), etc.

302 Series



DOUBLE GLAZED THERMAL VALUES :

U-Value	0.26
R-Value	3.85
SHGC	0.23
VLT	0.43
CR	61

TRIPLE GLAZED THERMAL VALUES:

U-Value	0.18
R-Value	5.56
SHGC	0.16
VLT	0.34
CR	73

AIR LEAKAGE RESISTANCE:

Single Leaf	0.002 cfm/ft ² (A3)
Double Leaf	0.011 cfm/ft ² (A3)

WATER LEAKAGE RESISTANCE:

Single Leaf	15 psf (730 Pa)
Double Leaf	15 psf (730 Pa)

DESIGN WIND PRESSURE:

Single Leaf	35 psf (1680 Pa)
Double Leaf	30 psf (1440 Pa)

NAFS-08 & 11 PRIMARY DESIGNATORS:

Single Leaf
CW-PG35-SHD – 48" x 96" (1220 x 2430 mm)

Double Leaf
CW-PG30-SHD – 80" x 83" (2040 x 2100 mm)