

5500

CURTAIN WALL

FEATURES

- 2-1/2" wide profile
- Flexible PVC thermal break
- Mullion depths available: 2-7/8", 3-5/8", 4", 5-1/4", 6-5/8", 8"
- Overall system depth is 2" deeper than mullion depths
- Accommodates 1/4" and 1" glazing thickness
- Other glazing thicknesses available upon request
- Capped glazing and SSG configurations available
- Pressure equalized internal drainage (capped mullions only)
- Multiple anchoring methods
- Optional integrated extruded trim system

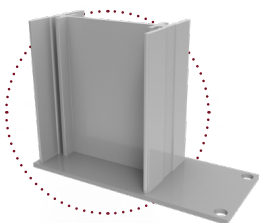
COMPATIBILITY

Compatible with all Windspec Doors:

- HTP doors (high thermal performance)
- Standard Commercial doors
- Exposed and Flush door adapters available

Compatible with most Windspec operable windows:

- 535 projecting vents (Awning, Hopper, Casement)
- 575 frameless projecting vents (Awning, Casement)
- 720 side slider
- 740 single and double hung
- 3-1/4" louver system
- 2-1/4" bypass louver system



Sleeve anchors available for quick installation while allowing for deflection.

BENEFITS

The versatility of the 5500 series enables it to be used in almost any curtain wall application. With both capped and silicone glazed options, this product can fulfill a wide range of applications structurally and aesthetically.

Applications include: Low to mid-rise commercial buildings, retail, office, health care and institutional applications.

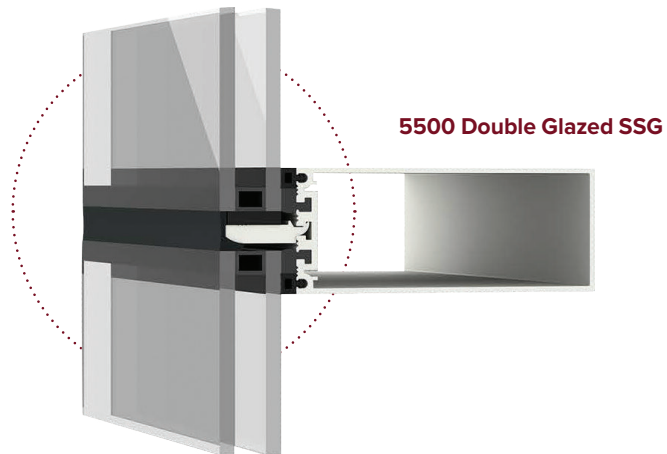
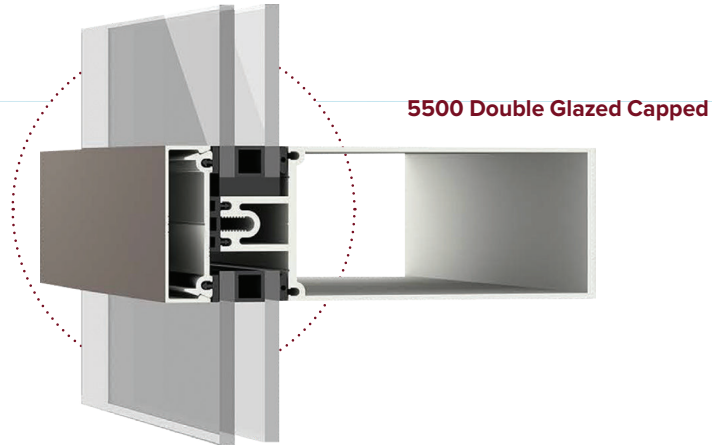
ADAPT / INNOVATE / DELIVER

MATERIALS

- All aluminum to be 6063-T6 tempered
- Gaskets to be silicone or EPDM
- EPDM corner plugs
- Stainless steel fasteners for pressure plates

FINISHES

- 2 Color options available (interior/exterior)
- Clear Anodized .0004
- Clear Anodized .0007
- #40 Bronze Anodized .0007
- #26 Light Bronze Anodized .0007
- Champagne Anodized .0007
- Black Anodized .0007
- Acid Etch Anodizing process
- Painted finished available:
Duracron (one-coat)
Duranar (2 coat)
Duranar XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral USA)



Key Performance Figures

PROPERTY	STANDARD ALLOWANCE	RESULT	DESIGNATION
Air Infiltration @ 300 Pa	Fixed Level: <0.2 L/s m2	Pass	FW-AW (fixed)
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Static Water Penetration	No Leakage @ 730 Pa	Pass	FW-AW 100
Structural Design	No permanent damage @ 5040 Pa	Pass	FW-AW 70
Forced Entry	Remove all exterior fasteners using common tools within 5 min. period	Pass	Grade 20

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/I.S.2/A440-09 Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157