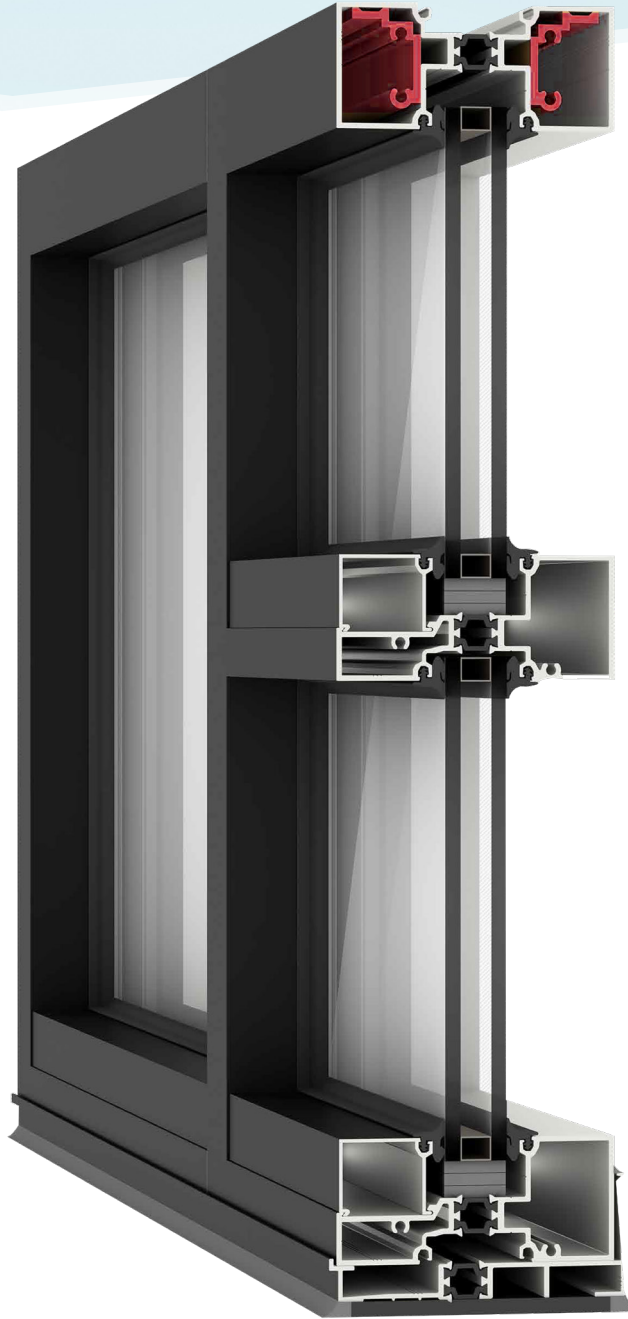


655

HIGH THERMAL PERFORMANCE FLUSH GLAZE SYSTEM

FEATURES

- Thermally broken storefront framing system
- 2" x 4-1/2" profile
- Pressure equalized internal drainage
- Optional sill track for drainage
- PVC and aluminum adapters available for 1/4" and 1/2" spandrel glazing
- Glass reinforced thermal break allows for exceptional high thermal performance without affecting the structural integrity of the system
- Tested to NAFS and CSA standards
- Thermal simulations conducted as per NFRC
- U-Value as low as 0.31 (with COG value of 0.24)



COMPATABILITY

Compatible with all Windspec doors:

- HTP doors (high thermal performance)
- Standard commercial doors
- Other non-Windspec doors may also be compatible

Compatible with Windspec operable windows:

- 535 projecting vents (Awning, Hopper, Casement)
- 720 thermal sliding windows
- 740 single hung window
- Fixed 1-7/8" deep louvers

BENEFITS

The 655 Series enhances the popular flush glazing system by increasing its thermal performance. By utilizing an advanced glass-reinforced nylon thermal break, the 655 Series raises our traditional flush glazing to a new standard.

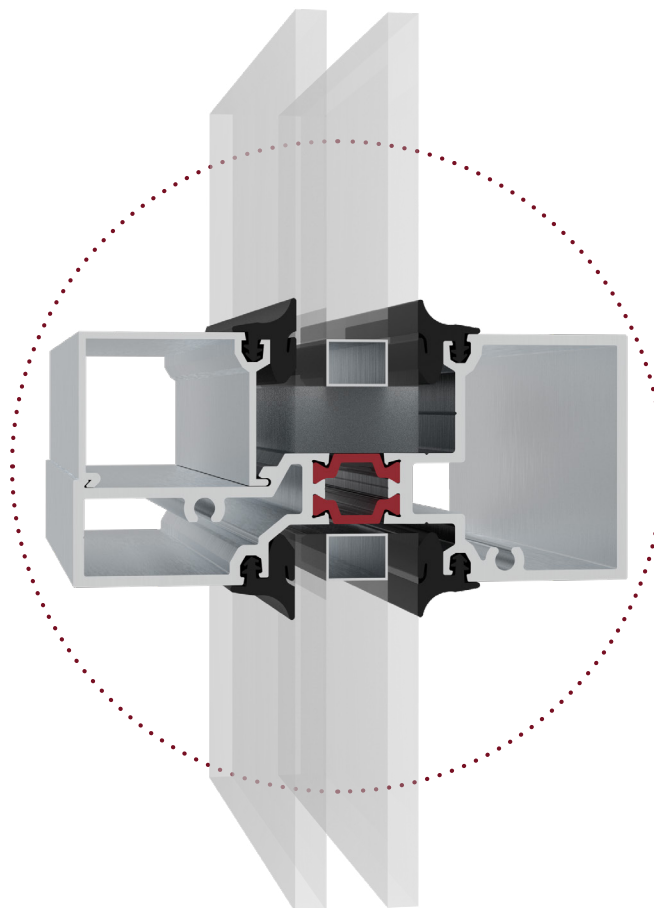
Its simplicity as a stick-build system is easy to assemble and install, allowing for increased job site efficiencies.

MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior / exterior glazing gaskets: extruded EPDM - durometer

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 (Decorall USA)



Key Performance Figures

| PROPERTY | STANDARD ALLOWANCE | RESULT | DESIGNATION |
|---------------------------|-------------------------------------|--------|-------------|
| Air Infiltration @ 75 Pa | Fixed Level: <0.2 L/s m2 | Pass | Fixed |
| Air exfiltration @ 300 Pa | Fixed Level: <0.2 L/s m2 | Pass | Fixed |
| Static Water Penetration | No Leakage @ 730 Pa | Pass | CW100-FW |
| Structural Design | No permanent damage @ 5040 Pa | Pass | CW70-FW |
| Forced Entry | Remove all exterior fasteners using | Pass | Grade 40 |

Applicable Standards

- NAFS-AAMA/WDMA/CSA 101/1.5.2/A440-08
- NAFS-AAMA/WDMA/CSA 101/1.5.2/A440-09
- Canadian Supplement Section 5
- Air leakage: ASTM E283
- Water penetration: ASTM E331
- Structural performance: ASTM E330
- Wind load calculations: CAN3-S157