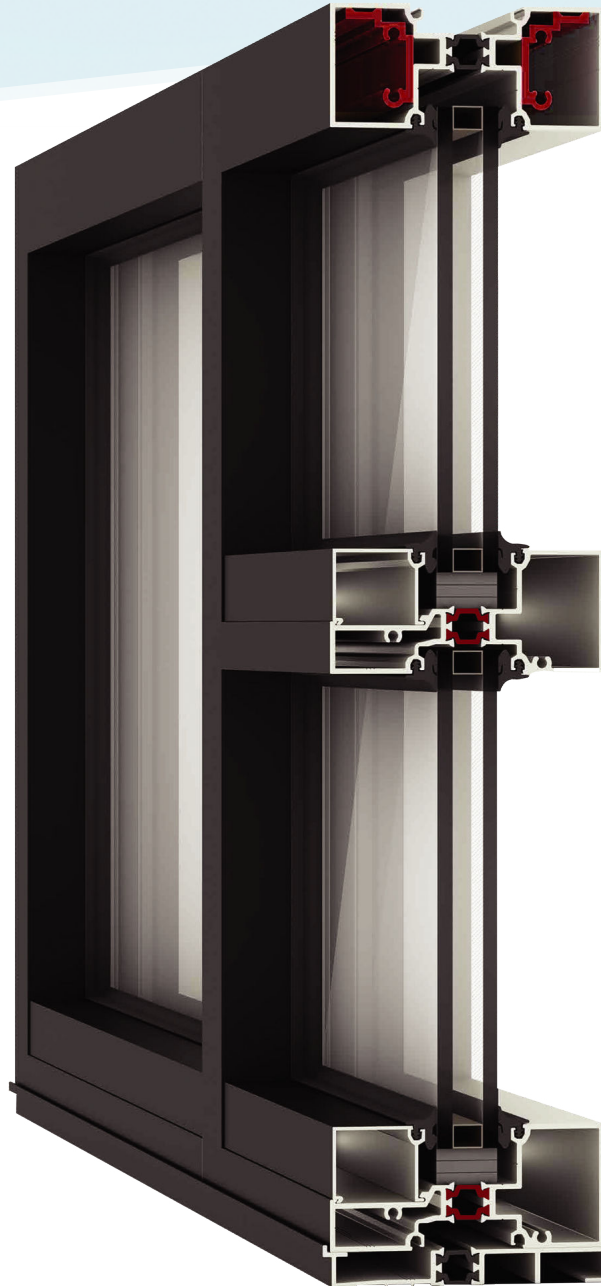


# 655

## HIGH THERMAL PERFORMANCE FLUSH GLAZE SYSTEM

### FEATURES

- Thermally broken storefront framing system
- 4-1/2" system profile
- Accommodates 1" , 1/2" & 1/4" glass infill
- Pressure equalized internal drainage
- Optional sill track for drainage
- PVC and aluminum adapters available for 1/4" and 1/2" glazing
- Gaskets available for glazing thickness up to 3/4" (inquire for details)
- Glass reinforced thermal break allows for exceptional high thermal performance without affecting the structural integrity of the system
- Tested to NAFS and CSA Class CW-PG60 A440-A3, C5, B7 standards
- Thermal simulations conducted as per NFRC
- U-Value as low as 0.30 (1" glazing) (with COG value of 0.24)



### COMPATIBILITY

#### 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.

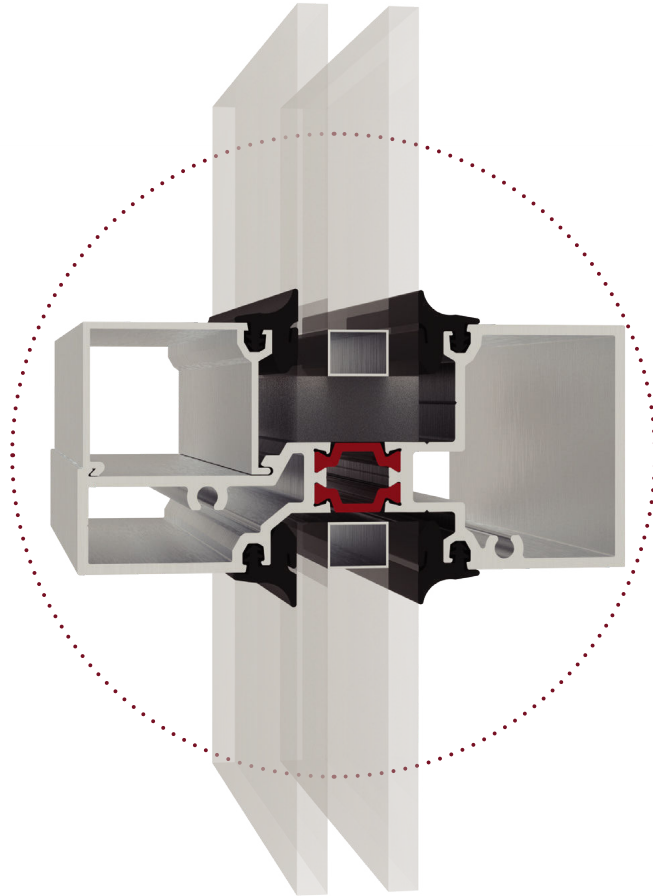
**ADAPT / INNOVATE / DELIVER**

## MATERIALS

- All aluminum to be 6063-T6 tempered
- Thermal Break polyamide 6.6, 25% glass fiber reinforced
- Interior/exterior glazing gaskets: extruded EPDM – 60 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)  
Duracron (2 coat)  
Duracron XL (3 coat)
- Powder coating available
- Wood grain finishes available (Decoral 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