



655

HIGH THERMAL PERFORMANCE FLUSHGLAZE

PRODUCT DESCRIPTION

Thermally broken storefront framing system.

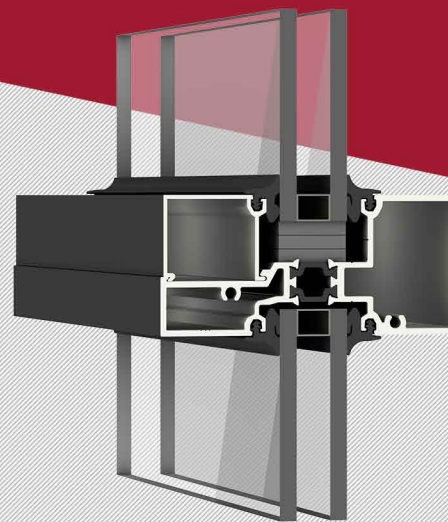
KEY FEATURES

- 2" x 4-1/2" profile.
- Pressure equalized internal drainage.
- Optional sill track drainage.
- PVC adaptors available for 1/4" and 1/2" spandrel glazing.
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system.
- Compatible with all Windspec doors:
 - HTP doors (high thermal performance)
 - Standard commercial doors
- Other non-Windspec doors may also be compatible with this system. Please inquire for more specific compatibility
- Compatible with all most Windspec operable windows:
 - 535 projecting vents (Awning, Hopper, Casement)
 - 720 thermal sliding windows
 - 740 single hung window
 - Fixed 1-7/8" deep louvers
- 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)

TECHNICAL DATA SHEET

WINDSPEC
1310 Creditstone Rd
Concord ON, L4K5T7
905-738-8311
www.windspec.com



MATERIAL

- 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 upon request
- Wood grain finishes available

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 common tools within 5 minutes period	Pass	Grade 40

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



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