



## System 955

### 2 1/4" x 5" Thermal Storefront Ribbon System

#### CONFIGURATIONS

##### Inside Glazed

This thermally enhanced Tech Set™ system was developed primarily as a stock length system for field fabrication. The system utilizes EFCO's E-Strut™ thermal isolators for outstanding thermal and dual finish capability. System 955 provides many advantages over other framing systems with its minimal fabrication and installation steps. For design flexibility, this system is available in structural and inside glazing capabilities.

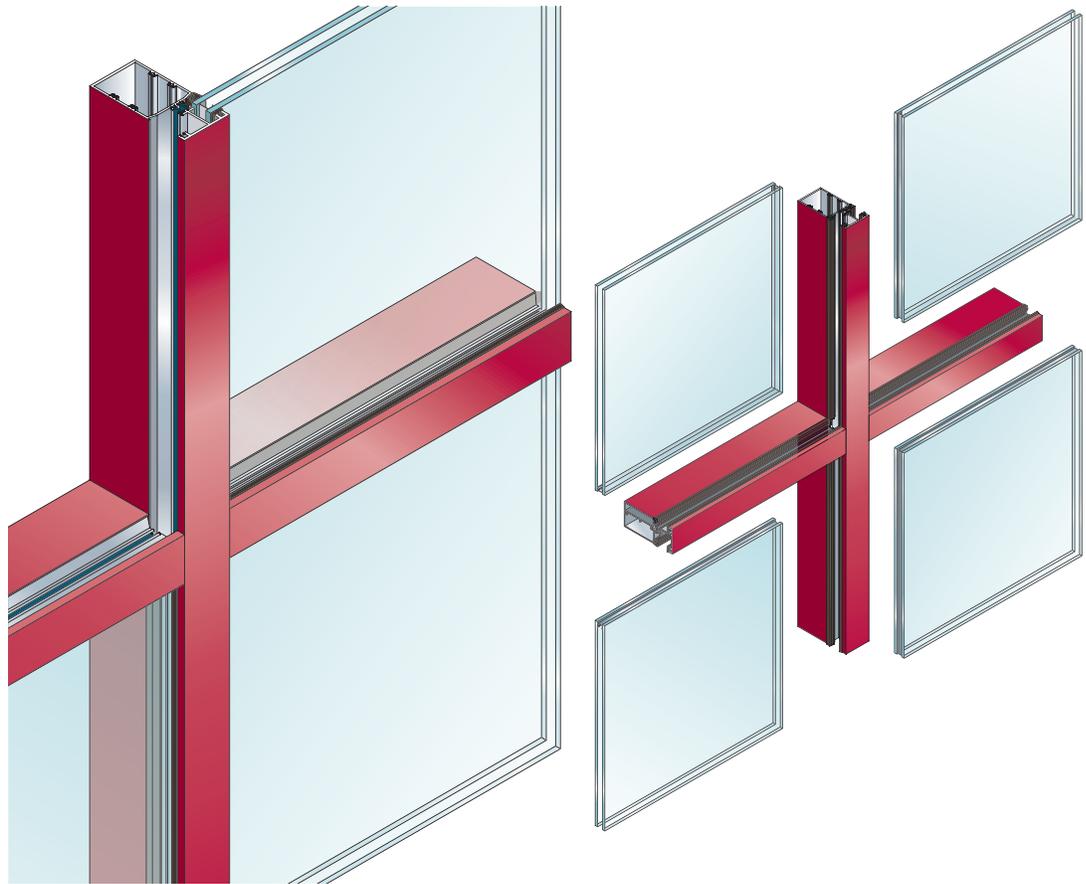
#### Features

#### Benefits

E-Strut™ thermal isolator	Improves U-Factor performance
	Dual finish capability
	Completely eliminates dry shrinkage
Shallow intermediate horizontals used with interior blinds (optional)	Allows applied blinds to pass the intermediate horizontal without interference
Structural/Butt glaze mullions	Seamless face
Roll-on face horizontal	Gives ribbon wall appearance when used butt glaze vertical
Door framing members	Compatible with all 1 3/4" and 2" EFCO doors
Stock length or fabricated	Provides customers with an option
Accepts 1/4" and 1" glazing	Flexibility in design requirements for glazing
Anodized and painted finishes available	Multiple options to answer economic and aesthetic concerns

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### PERFORMANCE DATA

SYSTEM 955 TECH SET™	
AIR INFILTRATION	<.06 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 12.0 PSF
STRUCTURAL	visit MyEFCO at <a href="http://www.efcocorp.com">www.efcocorp.com</a>
CRF-FRAME (1503-98)	.69
CRF-GLASS (1503-98)	.63

Note: All performance value data is based on laboratory testing per AAMA 101/I.S.2/A440 for Air/Water/Structural, ASTM E90 and or E413 for Acoustical, AAMA 507 and or NFRC 100/200/500 for UFactors and AAMA 1503 for Condensation Resistance Factor (CRF). Printed values are subject to change pending the frequency of recertification testing. Field results will vary depending on size, the field test method, the addition of sub-frames, panning, mullions, accessories and installation into the surrounding condition.

GLAZING  
SYSTEM 955 TECH SET™ IS A DRY GLAZED SYSTEM. VARYING GASKETS ARE USED DEPENDING ON THE SYSTEM CONFIGURATION REQUIRED. GLAZINGS OF 1/4" AND 1" INFILL PANELS ARE ACCOMMODATED.

955 THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	CONFIGURATION AND SIZE	
	FX / FX** 78 3/4" X 78 3/4"	FX / FX 120" X 120"
0.46	0.54	0.51
0.34	0.45	0.40
0.30	0.42	0.37
0.24	0.37	0.32
0.20	0.34	0.28

\* Based on NFRC 100  
\*\*NFRC Gateway size

\*Note: Based on NFRC 100. Job specific performance ratings may vary due to differences in glass and glass spacer selection. If NFRC certified ratings are required, EFCO recommends requesting a CMA Bid Report at the bid stage from EFCO's Product Technical Support Group to ensure performance will meet project specifications

SYSTEM 955 TECH SET™ GLAZING CHART	POLYCARBONATE			GLASS OR PANEL												
	3/16"	1/4"	5/16"	3/16"	1/4"	1/4**	5/16"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	15/16"	1"	1-1/16"
MONOLITHIC GLASS		C			C	C										
INSULATED GLASS															A	

\*-Obscure glass thickness  
\*\*-Laminated glass thickness

A-Available glazing option  
C-Adaptor and/or gasket required  
Blank - N/A

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### Frame Construction

Members are extruded 6063-T6 aluminum alloy with a nominal wall thickness of .080". Corner construction employs a screw spline method and utilizes #12 fasteners. Frame members have a face sight line of 2 1/4" and frame depth of 4 1/2". An optional blind pass intermediate horizontal that allows applied blinds to pass through without horizontal interference is available. Optional strap anchors at the head members help facilitate quicker installation of the system. See Illustration 2.

### Door Frame Construction

System 955 offers integral entrance frames as part of the framing system. Members are nominally .080" in thickness. A standard entrance header is available as well as an entrance header that is designed for use with concealed overhead closers. Transom lite glazing is accommodated through applied glass stops and glazing beads. Door stops are also applied so the 955 system will accept varying thickness of doors.

### Weather Stripping

All entrance frames are weather-stripped with bulb gasket.

### Thermal Barrier

All frames are thermally isolated with two thermal struts consisting of glass reinforced polyamide nylon, mechanically crimped in raceways extruded in the exterior and interior extrusions. See Illustration 2.

### Glazing

System 955 Tech Set™ is a dry glazed system. Varying gaskets are used depending on the system configuration required. Glazings of 1/4" and 1" infill panels are accommodated.

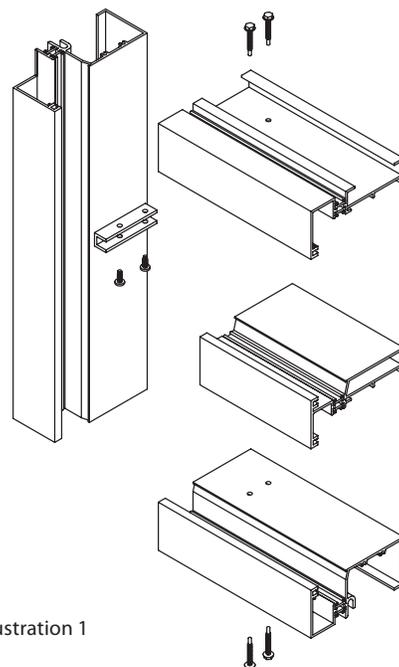


Illustration 1

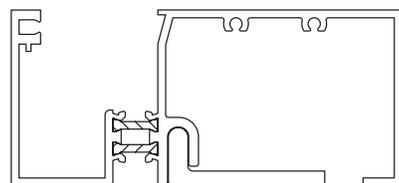


Illustration 2