



Series 401

2" x 4 1/2" Storefront Framing

CONFIGURATIONS

Shear Block • Screw Spline

Series 401 is an economical flush glaze system available in both shear block and screw spline fabrication methods. Series 401 Storefront can accommodate all standard 1 3/4" and 2" entrances as well as WV410 vents. Vertical mullions will accept steel reinforcement to enhance structural performance.

Features

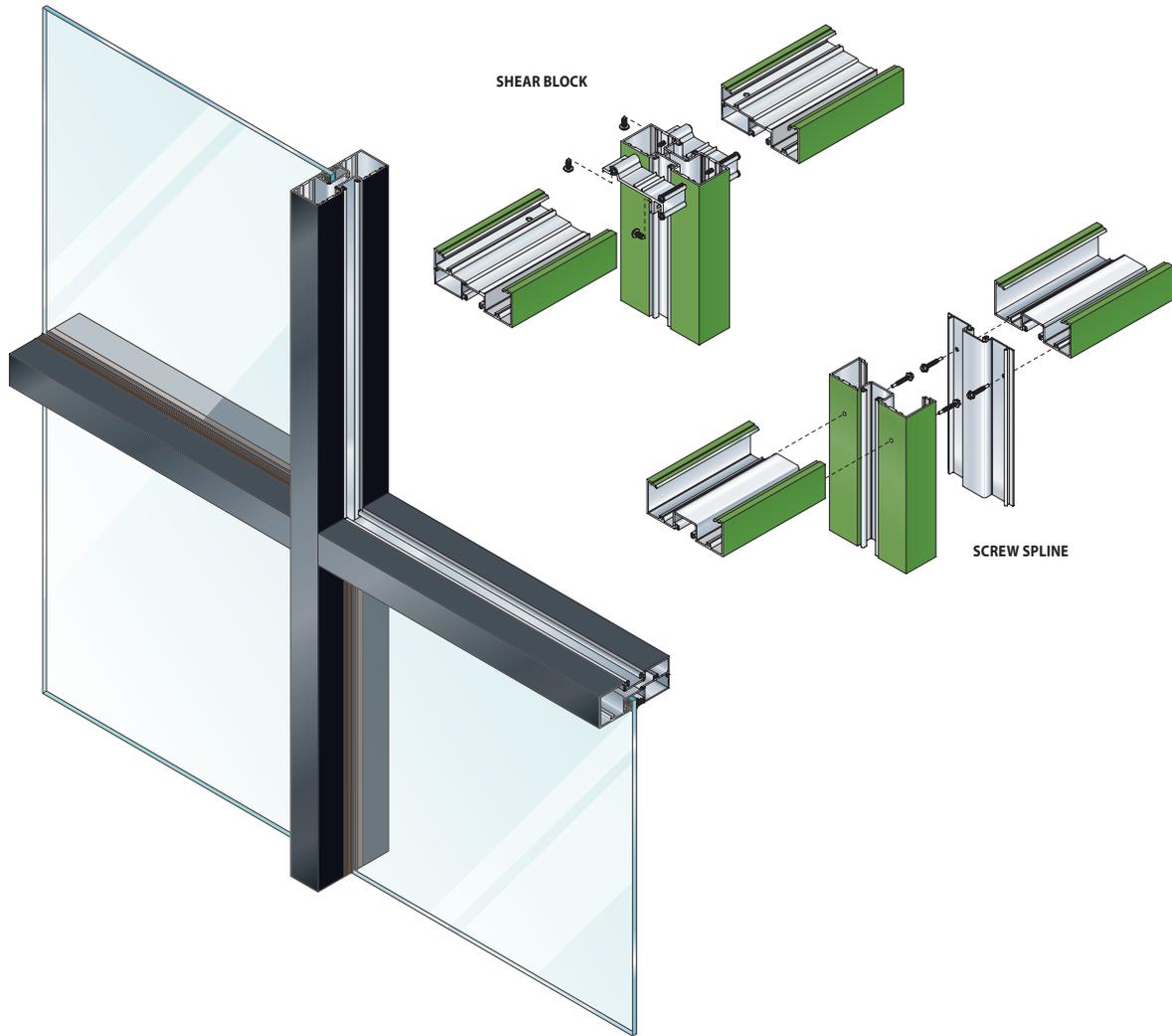
- Two fabrication/erection options (screw spline, shear block)
- Open back and shear block door frames with transom bars and rubber weather stripping
- The same glazing gasket used for exterior and interior
- Accommodates from 3/16" to 3/8" glazing
- 2-way corner mullions (90° & 135°)
- 3-way corner mullions (T-mullions)
- Various height intermediate horizontals and sills
- Accessory line of perimeter anchors, pocket fillers, door adaptors, etc.
- Anodized and painted finishes available

Benefits

- Method of installation fits job conditions
- Provides field/shop flexibility for erector
- Compatible with all 1 3/4" and 2" EFCO doors
- Simplifies ordering and installation
- Allows optimized use of gasket
- Handles the most popular glass thicknesses
- Design flexibility
- Multifaceted elevations
- Ability to maintain desired sight line
- Increased product versatility
- Multiple options to answer economic and aesthetic concerns

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PERFORMANCE DATA

SYSTEM 401 STOREFRONT FRAMING

AIR INFILTRATION	<.06 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 10.0 PSF
STRUCTURAL	visit MyEFCO at www.efcocorp.com

Note: All performance value data is based on laboratory testing per AAMA 101/1.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.

Note: 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

GLAZING

SYSTEM 401 CAN BE INSIDE OR OUTSIDE GLAZED WITH EXTRUDED ALUMINUM, SNAP-IN GLAZING BEAD. GLASS IS "DRY GLAZED" WITH TOP LOAD GASKET. GLAZINGS OF 3/16" TO 5/16" INFILL PANELS ARE ACCOMMODATED. SEE GLAZING CHART BELOW FOR EXACT SIZE.

SYSTEM 401 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	A	C	C	A	A	C									
INSULATED GLASS																

*-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

The frames have a depth of 4 1/2" and a nominal material wall thickness of .080". Members are extruded 6063-T6 aluminum alloy. Corner construction employs screw spline or shear block methods. See Illustration 1 & 2.

Door Frames

System 401 offers integral entrance frames as a part of the framing system. Members are nominally .080" in thickness.

Weather Stripping

All entrance frames are weather-stripped with bulb gasket.

Glazing

System 401 can be inside or outside glazed with extruded aluminum, snap-in glazing bead. Glass is "dry glazed" with top load gasket. Glazings of 3/16" to 5/16" infill panels are accommodated. See Glazing Chart for exact size.

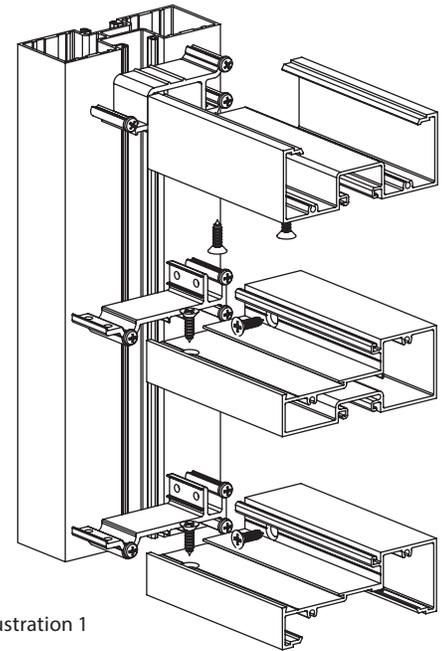


Illustration 1

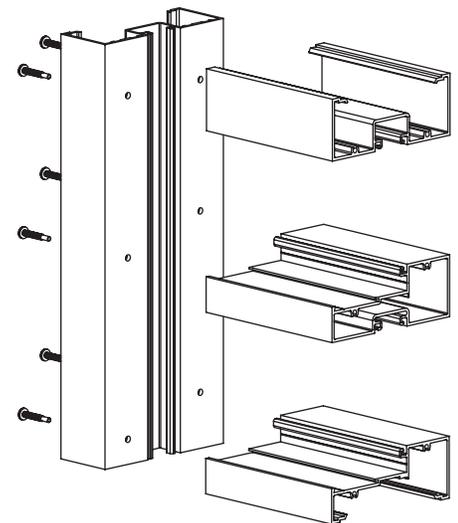


Illustration 2