

IMPACT GRADE



Series 525 **2 1/2" x 5" Non-Thermal Storefront Framing**

Configurations Outside Glazed

Series 525 is a non-thermal storefront framing system developed and tested to the most stringent impact requirements. Series 525 is compatible with all EFCO standard 1 3/4" and 2" Durastile™ doors. Series 525 framing system is fabricated with shear blocks or screw spline configurations, which contributes to the system's design flexibility. The system utilizes #12 fasteners in a screw spline application, allowing for fabrication of ladders prior to installation and overall quicker installation time.

Features

Benefits

Screw spline construction	Allows assembly of sections prior to installation Decreases installation time
Shear block construction	Ability to erect on the job site
Integral door adaptors	Compatible with all 1 3/4" EFCO doors Contact EFCO Applications Department for 2" Doors
Joint fasteners are #12	Strengthens system Simplifies fabrication
Horizontals are square cut	Eliminates notching Easier fabrication and assembly
Exterior removable stop at sill and horizontal	Allows glazing from the exterior
Interlocking legs at sub-sill	Holds sill in place No "blind" seals are required at the sill
Head and jamb anchors are inside the glazing pocket	Anchors are not visible
Accommodates up to 5/8" glazing	Expands design and energy savings options
Accessory line of perimeter anchors, pocket fillers, door adaptors, etc.	Increased product versatility
Anodized or painted finishes available	Unlimited options to answer economic and aesthetic concerns

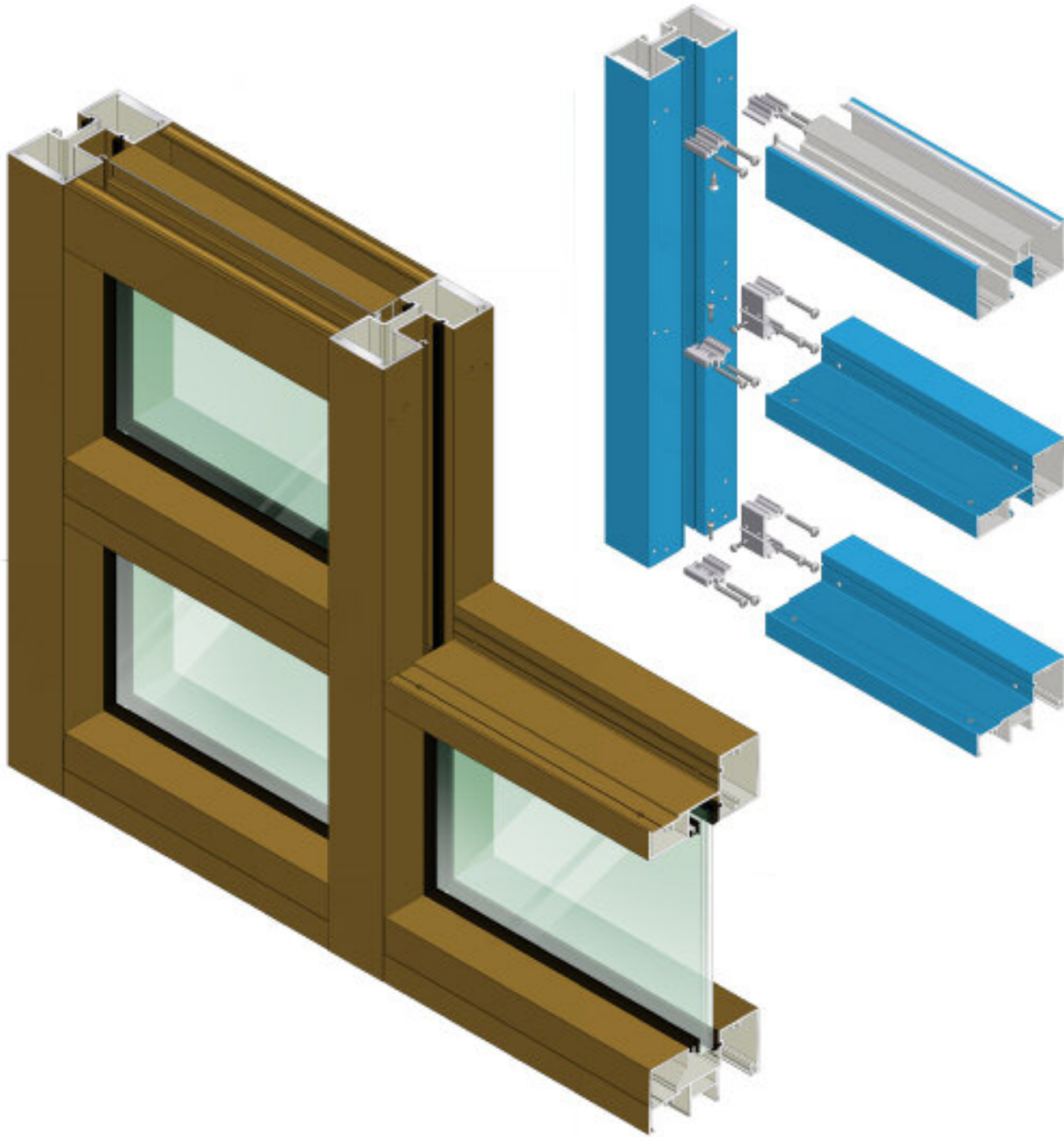
Manufacturer
Of
Architectural
And
Commercial
Grade
Windows,
Curtain Walls,
Entrances,
And
Storefronts

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Series 525

2 1/2" x 5" Non-Thermal Storefront Framing



Performance Data

System 525 Impact Shear Block Framing

Air Infiltration	<.06 cfm/sf @ 6.24 psf
Water	No Leakage @ 12.0 psf
Structural	Contact EFCO Engineering

System 525 Impact Screw Spline Framing

Air Infiltration	<.06 cfm/sf @ 6.24 psf
Water	No Leakage @ 12.0 psf
Structural	Contact EFCO Engineering

A = Estimated values and/or designations
B = Non-standard size or configuration
C = Dual glazed
D = 1" Insulated - 1/4" clear, 1/2" air, 1/4" clear
E = 1" Insulated - 1/4" clear (Low Emissivity), 1/2" air, 1/4" clear
F = 1" Insulated - 1/4" clear (Low Emissivity), 1/2" argon, 1/4" clear
G = 1" Insulated - 1/4" clear, 1/2" air, 1/4" clear (Low Emissivity)

System 525 Glazing Chart

Glass or Panel

	3/16"	1/4"	5/16"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	15/16"	1"	
Laminated Glass				C	C	A	A					

A - Available Glazing Option
C - Adaptor and/or gasket
required
blank - N/A

Series 525

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Frame Construction

Members are extruded 6063-T6 aluminum alloy with a nominal wall thickness of .080". Corner constructions employ a screw spline or shear block method and utilizes #12 fasteners. Frame members have a face sight line of 2 1/2" and frame depth of 5". See Illustration 1.

Door Frame Construction

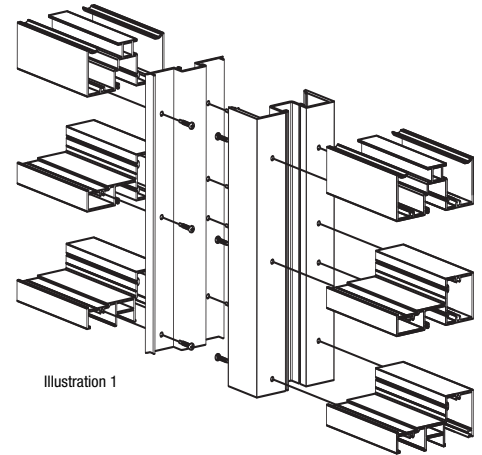
System 525 offers integral entrance frames as a part of the framing system. Members are nominally .080" in thickness. A standard entrance header is available as well as an entrance header that is designed for use with concealed overhead closers. Transom lite glazing is accommodated through applied glass stops and glazing beads.

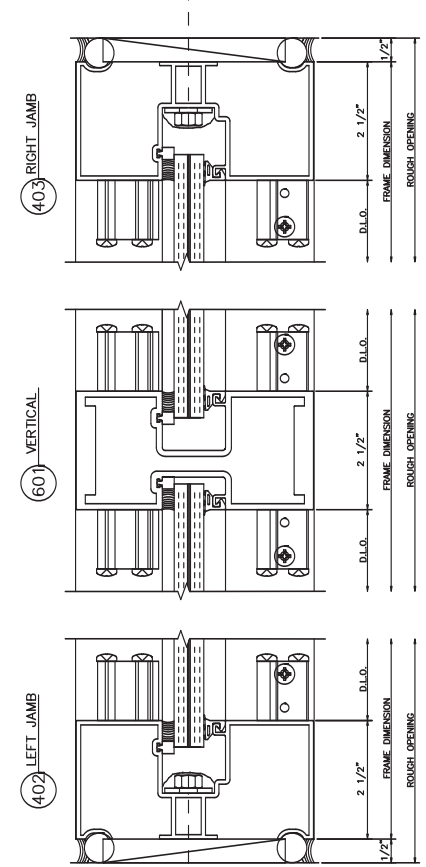
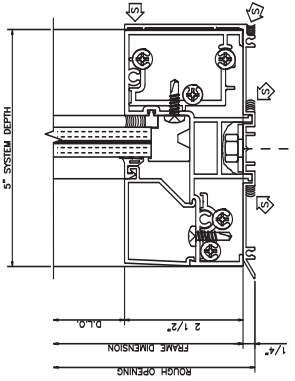
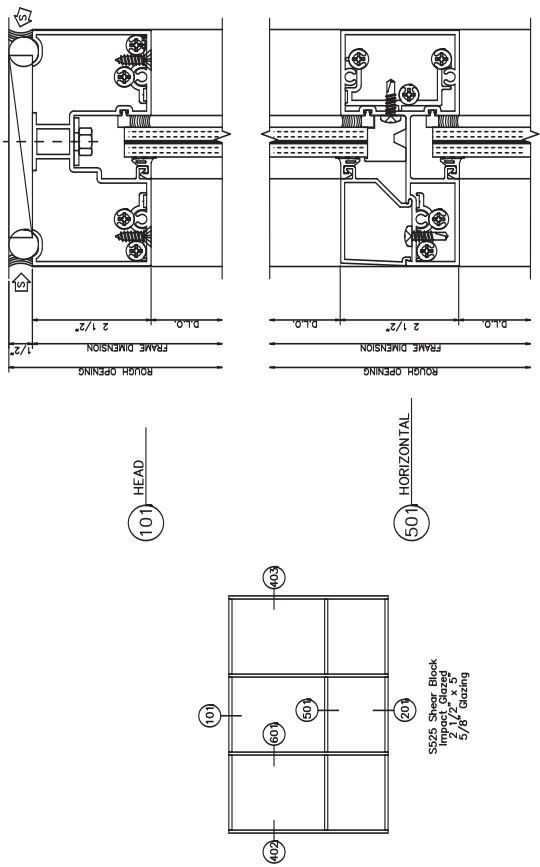
Weather Stripping

All entrance frames are weather-stripped with EPDM bulb gasket.

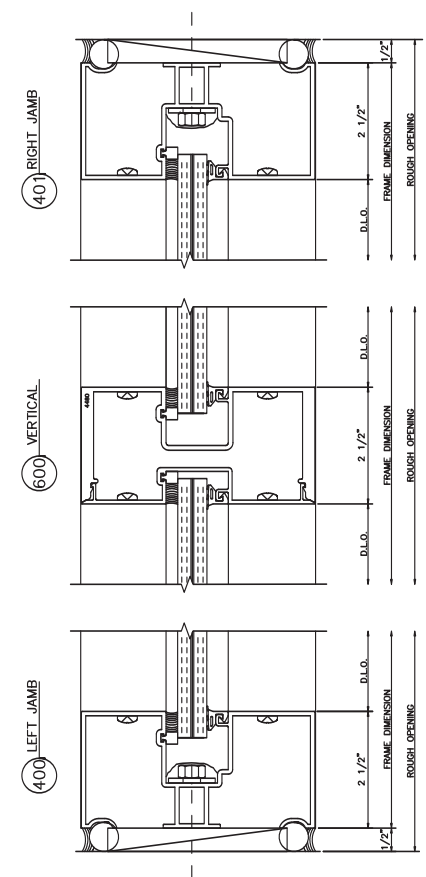
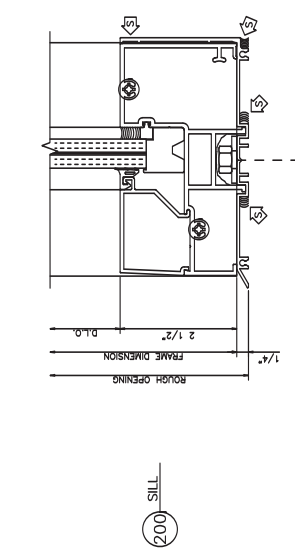
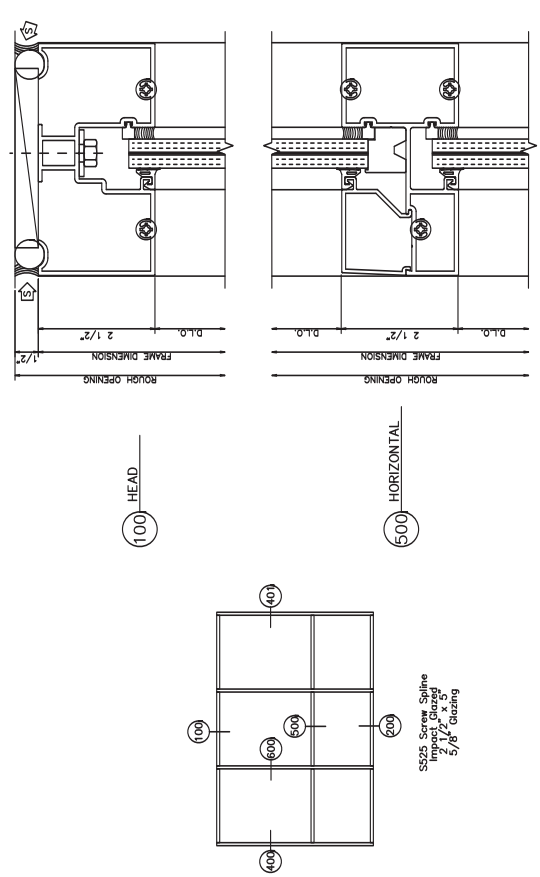
Glazing

System 525 is structural silicone glazed in the interior with a dry glazed gasket on the exterior. Varying gaskets are used on the exterior depending on the system configuration required. Glazings from 7/16" to 5/8" infill panels are accommodated.





525 Shear Block



525 Screw Spline