

Series 525

2 1/2" x 5" Impact/Blast Grade 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. Florida Product Approval 13599.7.

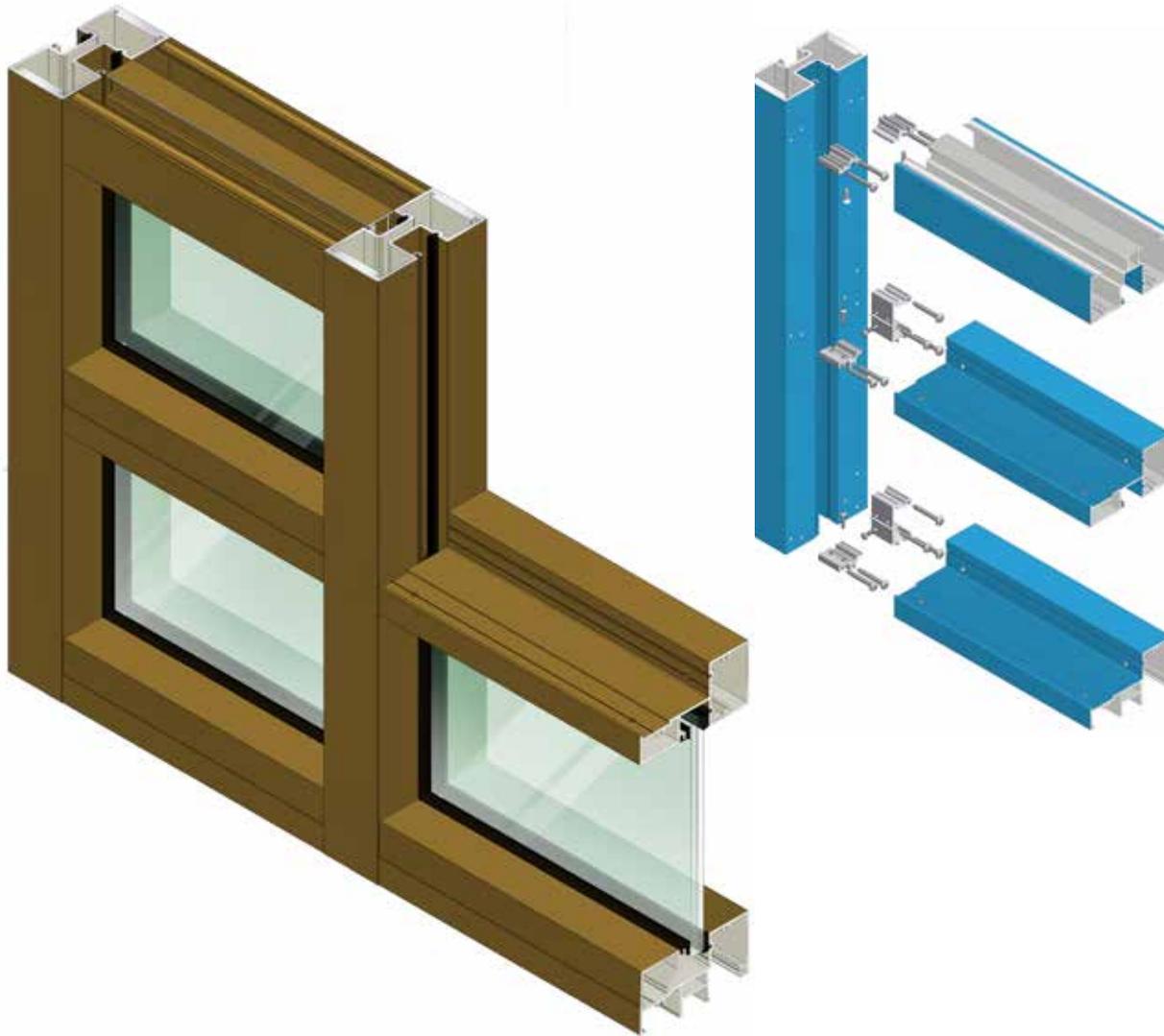
Features

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" and 2" EFCO 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	Multiple options to answer economic and aesthetic concerns

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PERFORMANCE DATA

SYSTEM 525 IMPACT FRAMING

AIR INFILTRATION<.06 CFM/SF @ 6.24 PSF
 WATER NO LEAKAGE @ 12.0 PSF
 STRUCTURALvisit MyEFCO at www.efcocorp.com

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.

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					

*-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 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 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.

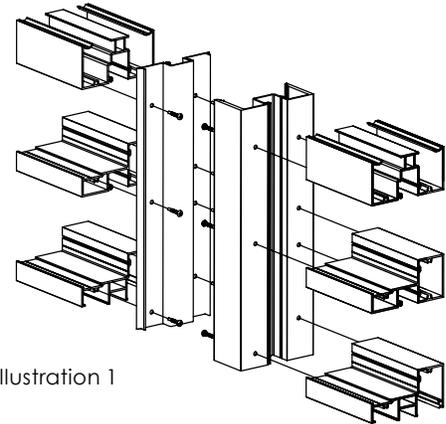


Illustration 1