



Series 5XP Impact Grade Architectural Grade Sliding Glass Door Series 5FX Fixed



CONFIGURATIONS

XO • OX • OXXO • OXOR • OXOL • Fixed

Series 5XP Sliding glass door retains an AAMA Architectural rating to meet the most demanding specifications. Designed for high-rise residential and condominiums, the 5XP is an attractive product for a wide range of applications. The high performance 5XP has been tested to meet the most stringent impact glazing requirements. Multiple glazing options provide flexibility to meet specific design requirements. Series 5XP sliding glass door provides a complete solution for your fenestration needs. Florida Product Approvals 8474.1, 12636.1 and 12636.2.

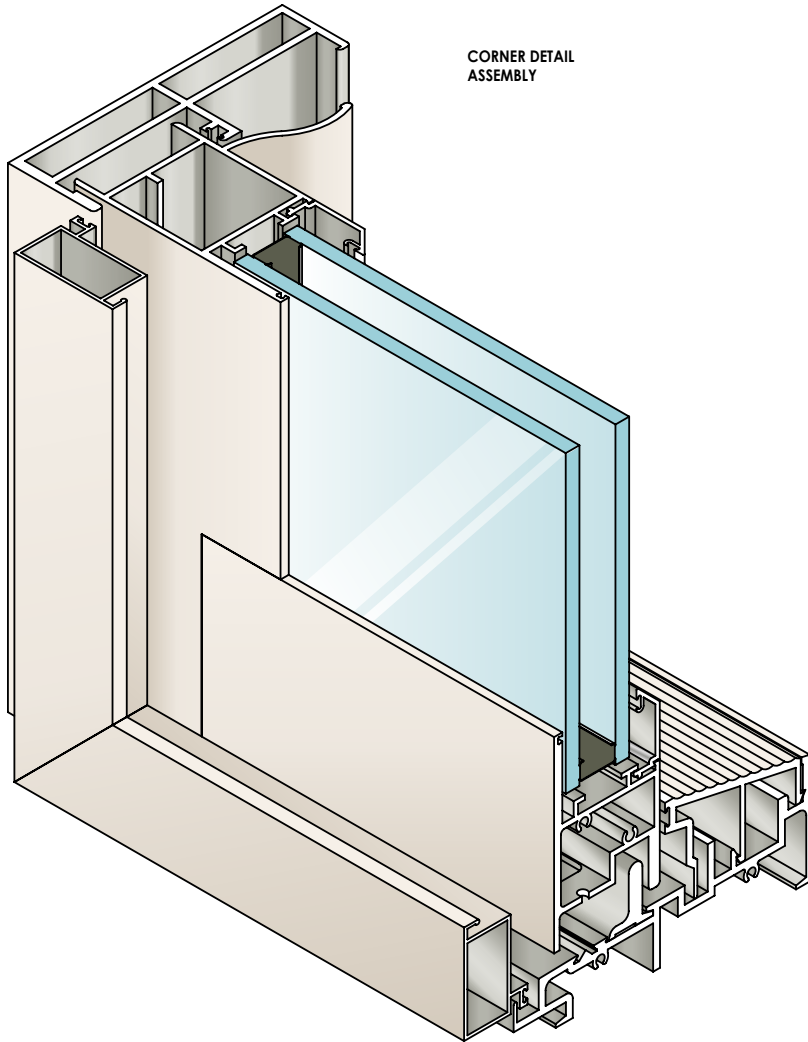
Product Advantages

Low profile sill	Integrated extruded interior pull handle
Standard and optional sill starters	Stainless steel multi point lock
Optional subhead receptors	Superior forced entry resistance
Water performance exceeds 33 psf	Unique screen option
Accommodates glazing up to 1 5/16"	5" frame depth
Factory glazed panels	Corner gaskets on all frame and panel joinery
Optional meeting rails to meet specific design loads	Anodized and painted finishes available
Raised sill track	Tested to meet large and small missile impact ratings for the Florida Building Code
Exterior operable panel	Reduced field labor cost
Stainless steel roller track and rollers	Provides improved long term maintenance



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CORNER DETAIL ASSEMBLY

PERFORMANCE DATA

EFCO corporation series 5XP sliding glass door
Tests were performed in accordance to the "standard/specification for windows, doors and unit skylights" AAMA/WDMA/CSA 101/i.S.2/A440-05.

Note: All performance data is subject to change based on testing recertification and/or revised AAMA testing protocol. Please contact EFCO for latest performance values.

5XP NON-THERMAL SLIDING GLASS DOOR (WITH ALUMINUM REINFORCEMENT)

AAMA RATING (A440-05)	SGD-AW180
AIR INFILTRATION	<.05 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 33.0 PSF
STRUCTURAL	180 PSF
FORCED ENTRY	GRADE 20

SERIES 5XP HARDWARE CHART	STAINLESS STEEL DEAD BOLT	INTERIOR THUMB TURN	INTERIOR AND EXTERIOR EXTRUDED PULL HANDLE	EXTERIOR CYLINDER LOCK W/ INTERIOR THUMB TURN	STAINLESS STEEL ROLLER TRACK COVER	ADJUSTABLE STAINLESS STEEL BALL BEARING ROLLERS
DOOR HARDWARE	S	S	S	O	S	S

O -Optional
S -Standard
Blank - N/A

5XP GLAZING CHART	POLYCARBONATE		GLASS OR PANEL																	
	1/8"	3/16"	1/4"	1/8"	.156**	3/16"	.200**	1/4"	1/4**	1/2"	9/16"	3/4"	7/8"	1"	1-1/16"	1-1/4"	1-1/2"	1-3/4"	2"	
MONOLITHIC & INSULATED GLASS											A			A	A					

*-Obscure glass thickness
**-Laminated glass thickness

A-available glazing option
Blank - N/A

FIXED 5FX GLAZING CHART	POLYCARBONATE		GLASS OR PANEL																	
	1/8"	3/16"	1/4"	1/8"	.156**	3/16"	.200**	1/4"	1/4**	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/16"	1-3/16"	1-1/4"	2"	
MONOLITHIC & INSULATED GLASS											A				A	A				



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Frame Construction

The frames have a depth of 5" and are constructed of 6063-T6 aluminum alloy. Nominal material wall thickness for the frame is .125". Corners are of screw spline construction and sealed. See Illustration 1.

Sash Frame Construction

The sash consists of tubular aluminum members with .100" nominal material wall thickness of 6063-T6 alloy. Corners are of screw spline construction and sealed. Weather-stripped interlock at the sash meeting rail(s) is standard. This offers superior weathering and structural performance. See Illustration 2.

Weather Stripping

All sash are weather-stripped with Schlegel® Q-Lon®.

Screens

Screen frames are extruded 6063-T6 aluminum alloy with lock. 18 x 16 mesh screens are available in fiberglass and .011" diameter aluminum. 18 x 18 mesh screens are available in .009" diameter stainless steel.

Hardware

The standard multi-point lock provides superior forced entry resistance. The sash glides on a pair of tandem stainless steel rollers over a raised sill track, minimizing the effects of dust and dirt build-up. See Hardware Chart for available hardware types.

Glazing

Doors are glazed with an extruded aluminum snap-in glazing bead and drive-in wedge gasket. Glazing depths of 9/16", 1" and 1 1/16" are accommodated. See the Glazing Chart for the exact size.

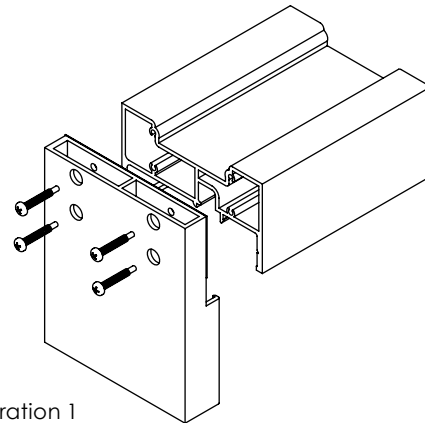


Illustration 1

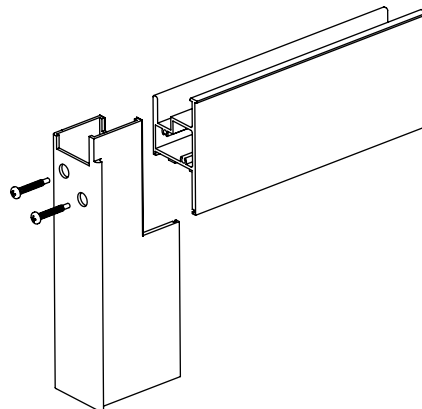


Illustration 2

