



SMI-090 Series

IMPACT FIXED WINDOW
WALL SYSTEM



The SMI-090 impact storefront system is a non-weep, wet seal system with screw spline assembly that enables pre-glazing. The 090 system has an adjustable glazing pocket that allows for varying glass thicknesses including 9/16" laminated and 1 5/16" laminated insulated glass. For reaching today's energy requirements, the 090 system can also be thermally broken.

FEATURES

- Aluminum alloy 6063-T6
- Horizontal and vertical framing members 1 3/4" by 4 1/2"
- Glazing options
 - Impact - 9/16" laminated or 1 5/16" laminated insulated
 - Non-Impact - 1/4" tempered or 1" IG
- Screw spline assembly
- Stainless steel assembly screws
- High design pressure
- Non-weep sealed system

OPTIONS

- Pre-fabricated frames
- Pre-glazed frames
- Stretch-forming for radius shapes
- Segmented radius
- Thermal break



AldoraGlass.com

CORAL SPRINGS, FL
954.519.4592

CHARLESTON, SC
843.917.6461

ORLANDO, FL
407.456.8030

MIAMI, FL
305.676.8071

LOUISVILLE, KY
502.513.7178

AUSTELL, GA
470.291.0410

NEWPORT NEWS, VA
757.704.5927

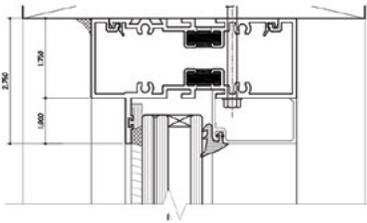
HYDE, PA
814.492.2318

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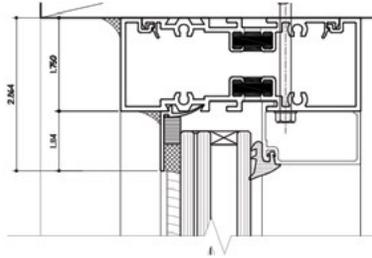
IMPACT FIXED WINDOW WALL SYSTEM

DETAILS

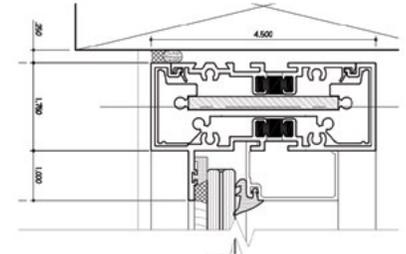
- 9/16" or 1 5/16" glazing
- Optional thermal break
- Wet seal system
- Variable glass stop locations



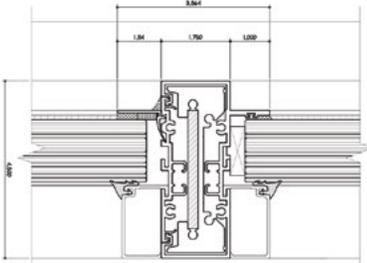
THERMALLY BROKEN JAMB WITH 1 5/16" GLAZING



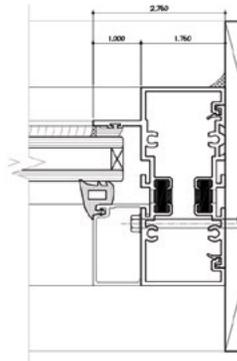
OUTSIDE GLAZED, THERMALLY BROKEN JAMB WITH 1 5/16" GLAZING



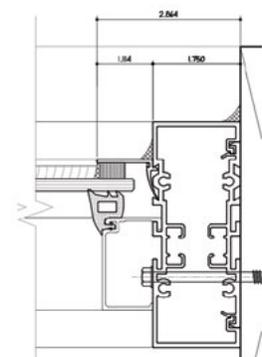
THERMALLY BROKEN JAMB WITH REINFORCEMENT AND 1 5/16" GLAZING



BULLET OR FLOOD RESISTANT 1 5/16" MULTI-LAMINATED GLAZING WITH FULL REINFORCEMENT, SHOWING OUTSIDE AND INSIDE GLAZING



THERMALLY BROKEN JAMB WITH 1" INSULATED GLAZING



1/4" OUTSIDE GLAZED JAMB

ADDITIONAL PERFORMANCE FEATURES

GLASS LOADS	Uvekol (.100) 9/16" Heat Strengthened	Saflex HP (.100) 9/16" Heat Strengthened	1 5/16" Uvekol (.100) Insulated Laminated	1 5/16" Saflex HP (.100) Insulated Laminated
	+90/-90 psf	+90/-90 psf	+90/-90 psf	+90/-90 psf
WATER	13.5 lbs.			
MAX PANEL SIZE	Non-Reinforced		Reinforced	
	48" x 96"		48" x 120"	
TESTING PROTOCOL	Florida Building Code Approved			
	TAS 201 Passed	TAS 202 Passed	TAS 203 Passed	ANSI Z97 Passed
ENERGY	Achieves energy code requirements with performance glass			



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