



# SMI-175 Series

FIXED WINDOW WALL SYSTEM

The SMI-175 is a heavy walled, hurricane resistant impact window wall system capable of achieving very high wind load demands. Its thick walled construction allows Aldora to achieve these loads with large glass panels and minimal mullion interruption. With just 4 extrusions, the simplicity in design of the system allows it to be easily fabricated. Its screw spline assembly creates the ability to factory pre-glaze storefront or window panels. The SMI-175 is a wet seal, non-weep system designed to not let water penetrate.

## Features

- Aluminum alloy 6063-T6
- Horizontal and vertical framing members 1 ¾" by 4 ½"
- Screw spline assembly
- Stainless steel assembly screws
- High design pressures
- Non-weep sealed system

## Options

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



[AldoraGlass.com](http://AldoraGlass.com)

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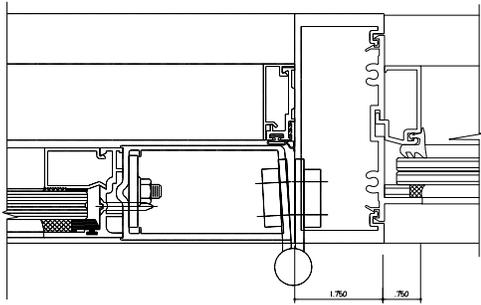
AUSTELL, GA  
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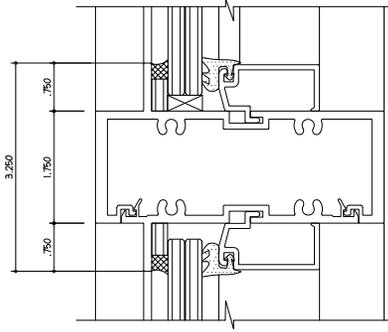
HYDE, PA  
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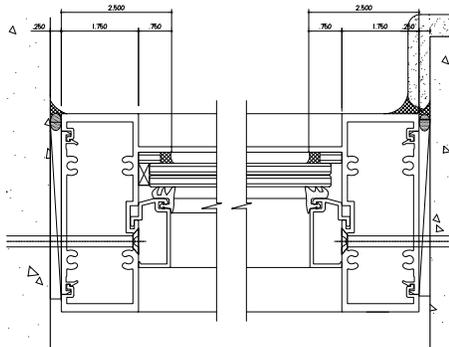
FIXED WINDOW WALL SYSTEM



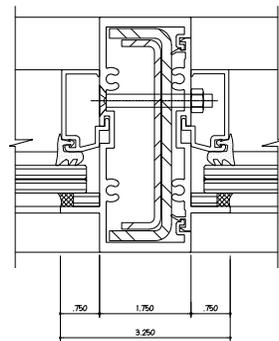
AMSM-175 Snapped Into K-2 Door



Intermediate Horizontal with 9/16" Glazing



Head and Sill Detail with 9/16" Glazing



Intermediate Jamb with Full Reinforcement

## Details

- Screw Spline Assembly
- Total of 4 Extrusions
- Wet Seal System

## Additional Performance Features

Glass Loads	PVB 9/16" Annealed	Uvekol 9/16" Annealed	PVB 9/16" Strengthened	Uvekol 9/16" Heat Strengthened
	+63/-63 psf	+63/-63 psf	+90/-90 psf	+100/-120 psf
Water	15 lbs.			
Max Panel Size	Non-Reinforced		Reinforced	
	42" x 120"		60" x 120" (PVB 32" x 120")	
Testing Protocol	Florida Building Code Approved			
	TAS 201 Passed	TAS 202 Passed	TAS 203 Passed	ANSI Z97 Passed



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