



# 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](http://AldoraGlass.com)

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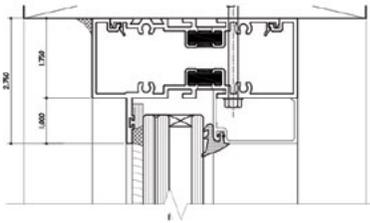
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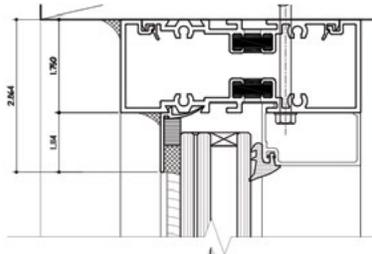
## IMPACT FIXED WINDOW WALL SYSTEM

### Details

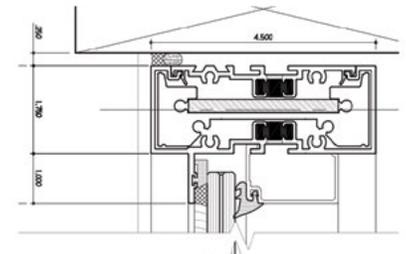
- 9/16" or 1 5/16" glazing
- Optional thermal break
- Wet seal system
- Variable glass stop locations



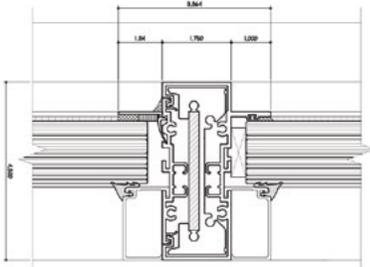
Thermally Broken Jamb with 1 5/16" Glazing



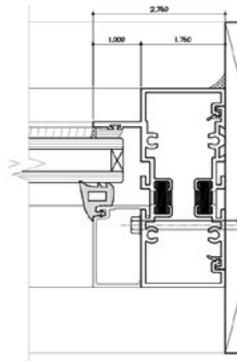
Outside Glazed, Thermally Broken Jamb with 1 5/16" Glazing



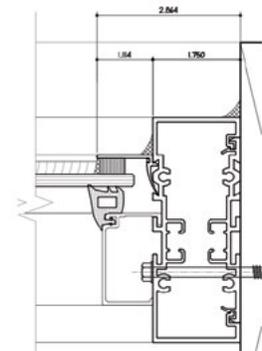
Thermally Broken Jamb with Reinforcement and 1 5/16" Glazing



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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