



# Level E Storefront System

Meet Category IV building standards and level E requirements with Aldora's Missile Level E Storefront Impact Door. Providing peace of mind when it comes to product performance, you can trust Aldora's Level E impact commercial products. With glazing components that are designed to withstand higher impact forces, plus heavy-duty laminated glass compositions, these impact doors and storefronts are manufactured to last, and perfect for safety applications like hospitals or to withstand hurricane force winds.

Compared to regular impact (level D), level E can withstand considerable higher forces at impact, tested against a projectile shot at 80 feet per second. Special level E design glazing components and multi-layer heavy-duty laminated glass composition provide superior product performance for years to come.

## Features

- 1.50" x 4.50" profile plus 3/4" front set
- Laminated (9/16") or laminated-insulated (1 5/16")
- Maximum single panel size of 5' x 12'
- Design pressures of
  - +/- 90 psf non-reinforced
  - +120/-135 psf reinforced
- 18 psi water resistance
- Achieves 2023 energy code requirements
- Screw spline or shear block assembly
- Flush stop available for 9/16" glass
- Free standing jambs

## Options and Add Ons

- Can be pre-glazed
- Thermal break



[AldoraGlass.com](https://www.AldoraGlass.com)

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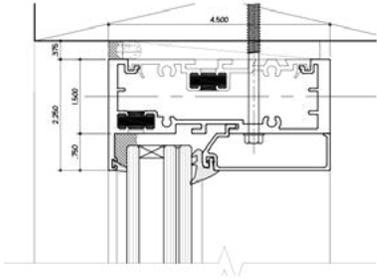
AUSTELL, GA  
470.291.0410

NEWPORT NEWS, VA  
757.704.5927

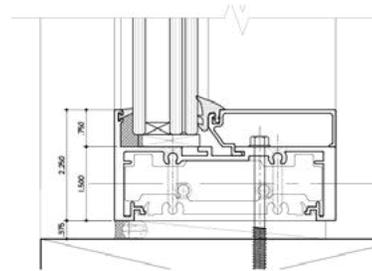
HYDE, PA  
814.492.2318

# FS300 Frontset System

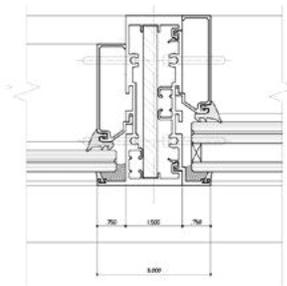
LEVEL E STOREFRONT SYSTEM



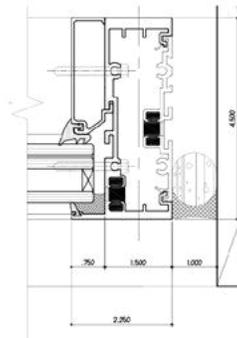
Head Detail of Thermally Broken FS300 and Laminated Insulated Glass.



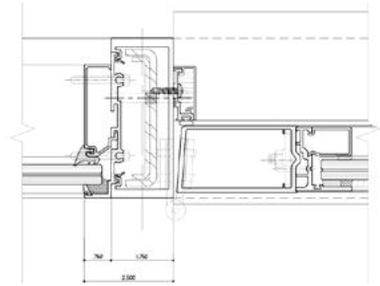
Sill Detail of Non-Thermally Broken FS300 and Laminated Insulated Glass.



Intermediate Vertical, Nonthermally Broken, Reinforced with Laminated and Laminated Insulated Glass.



Free Standing Jamb, Thermally Broken with 1" Shim Spacing.



Door Mullion Detail with Non-Thermally Broken FS300.

## Additional Performance Features

Glazing Options	9/16" .180 SGP	9/16" .150 Vanceva	15/16" .150 Vanceva	15/16" .180 SGP
Design Loads	+100/-100 psf			
Max Panel	48" X 144" (60" X 120")	60" x144"	60" x144"	48" X 144" (60" X 120")
Testing Protocol	Florida Building Code Approved			
	TAS 201 Passed	TAS 202 Passed	TAS 203 Passed	



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