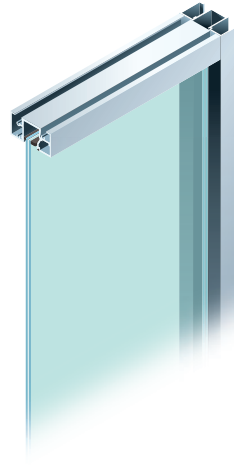


# Series FG-5100 BlastMax™ — blast-resistant storefront system

The FG-5100 BlastMax™ system is a **blast-resistant** storefront system for **1-1/4" insulating laminated glass**. This system meets the most demanding requirements of ASTM, GSA and UFC. Exterior and structural silicone glazed, the FG-5100 offers ease of fabrication and installation. The FG-5100 Storefront System is unique in that it exceeds all blast as well as hurricane standards.



## Features

- System dimensions 2-1/2" x 5"
- 1-1/4" laminated insulating glass
- Exterior glazed
- Structural silicone glazed
- No exposed fasteners
- Screw spline joinery
- EZ punch capability
- Integration of MSD-375 BlastMax™ entrances
- Use of energy absorbing anchor technology
- Optional glazing and fastening to meet both blast and hurricane test standards
- Factory-painted Kynar 500®/Hylar 5000® finishes, meeting all provisions of AAMA 2605
- Factory-anodized finishing
- ASTM F1642 compliant
- UFC (DoD) 4-010-01 compliant
- GSA/ISC compliant

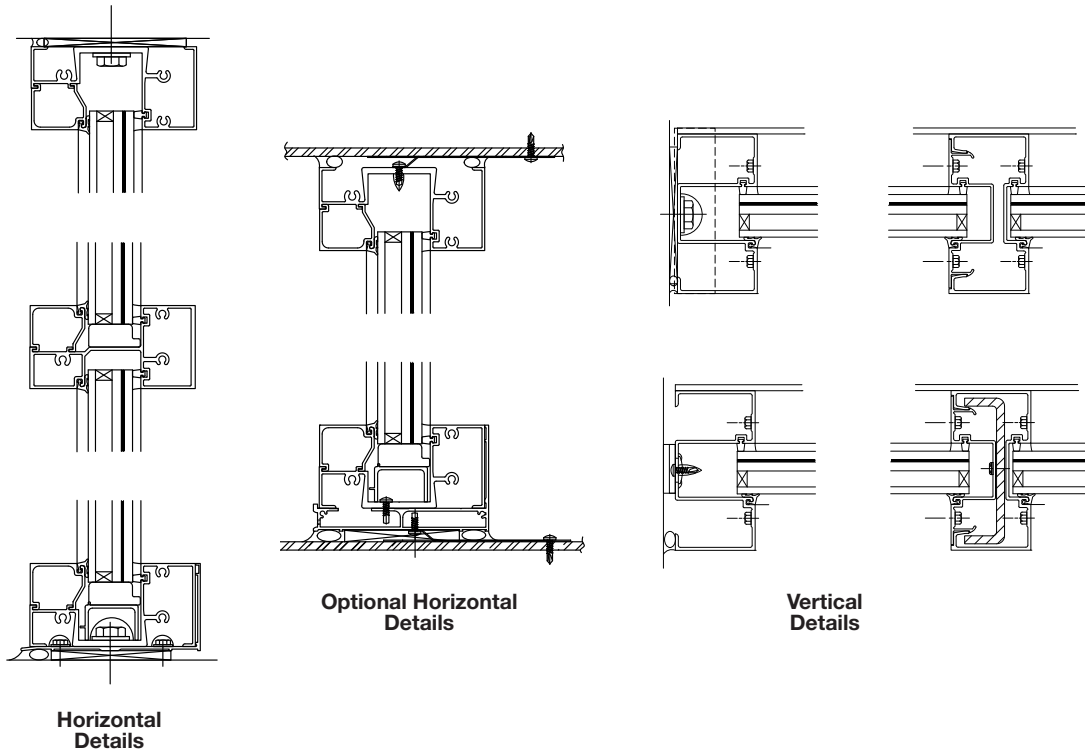
series FG-5100 blast-resistant storefront systems



**Oldcastle BuildingEnvelope™**

*Engineering your creativity™*

**Standard Details**



**Performance**

**Blast Resistance**

- Air Infiltration: <.06 CFM/SQ FT PSF and 6.24 PSF per ASTM E 283
- Static Water: 15 PSF per ASTM E 331
- Deflection Load: 30 PSF per ASTM E 330
- Structural Load: 45 PSF per ASTM E 330
- ASTM F 1642: Minimal hazard; UFC 4-010-01 Level of protection - Low; GSA Performance Condition – 3b

**Blast and Hurricane Resistance**

- Air Infiltration: <.06 CFM/SQ FT PSF and 6.24 PSF per ASTM E 283
- Static Water: 15 PSF per ASTM E 331
- Structural Load: +70 / -80 PSF per ASTM E 330
- ASTM F 1642: No hazard; UFC 4-010-01 Level of protection - High; GSA Performance Condition – 2
- Large Missile and Cycling: +70 / -80 PSF per TAS-201, TAS-203 and ASTM E1886, E1996

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 Hylar 5000® is a registered trademark of Ausimont USA, Inc.