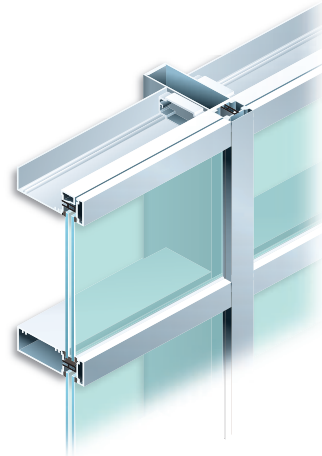


Reliance™-TC IG Curtain Wall— a thermal composite inside glazed curtain wall system by Oldcastle BuildingEnvelope™

To complement the popular Reliance™ Curtain Wall platform, Oldcastle BuildingEnvelope™ has developed a thermal composite inside glazed curtain wall system, Reliance™-TC IG. This system takes **thermal performance to a higher level** through the use of glass reinforced polyamide strips in the construction of all horizontal and vertical members. Reliance™-TC IG is available in both 7-1/4" and 6" depths and is available with either captured or structural silicone glazed verticals. This system has dual-color finish capability and allows for entrance door and operable window adaptability.



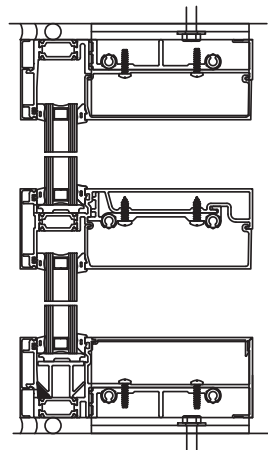
McCormick Place Convention Center, Chicago, IL
Architect: VOA Associates, Inc.

Features

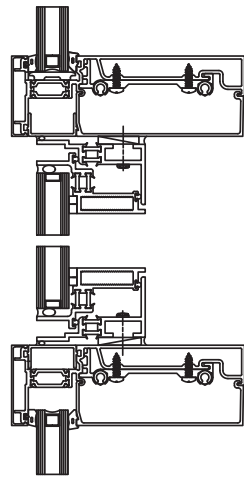
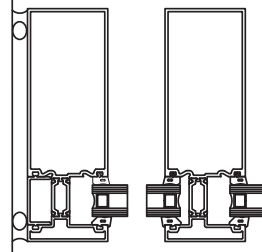
- Overall system dimensions: 2-1/2" x 7-1/4" and 2-1/2" x 6"
- Front set, inside glazed configuration
- Optional pressure plate horizontal for exterior glazed spandrel areas or exterior reglazing
- Captured and SSG (Structural Silicone Glazed) vertical mullions
- Thermal separation provided through insulating strips on all vertical and horizontal members
- Accommodates ZS-30 projected and casement vents
- Factory-painted Kynar 500®/Hylar 5000® finishes, meeting all provisions of AAMA 2605
- Factory-anodized finishing



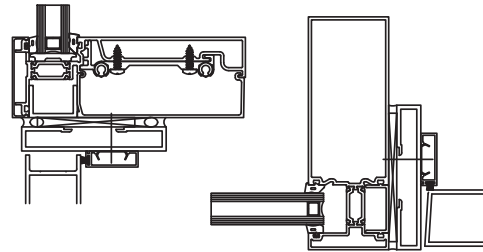
Details



Standard Details



ZS-30 Operable Windows



Door Details

Performance

- Air Infiltration: < .06 CFM/SQ FT (6.24 PSF) per ASTM E283
- Static Water: 15 PSF per ASTM E331
- Dynamic Water: 15 PSF per AAMA 501.1
- Deflection Load: 40 PSF per ASTM E330
- Structural Load: 60 PSF per ASTM E330
- Seismic: Three levels of deflection per AAMA 501.4
- STC: 35 (1/4" - 1/2" - 1/4" glazing)
39 (1/2" laminated - 1/2" - 1/4" laminated glazing)
- Thermal Performance per AAMA 1503 for clear 1" insulating glass: - U- factor = 0.57
- CRF frame = 76
- NFRC Certified
- Thermal Performance Characteristics per AAMA 507

Kynar 500® is a registered trademark of Atofina
Hylar 5000® is a registered trademark of Ausimont USA, Inc.

