

# TCR-250— thermal composite ribbon window by Oldcastle BuildingEnvelope™

The TCR-250 Ribbon Window from Oldcastle BuildingEnvelope™ is the **next step in thermal performance**. This new ribbon window system also offers a full line of accessories to accommodate various door framing and anchoring options. An optional head detail allows for alternate anchoring at conditions requiring incidental water control. The TCR-250 system has been tested to the same level of performance as our complete line of products. It offers the assurance of a quality product and **enhanced thermal performance** for today's energy-conscious environment. The TCR-250 system can also be glazed with SunGlass®, our exclusive solar control, Low-E glass for maximum solar performance.



24 Waterway, The Woodlands, TX  
Architect: Gensler and Elkus-Manfredi Architects

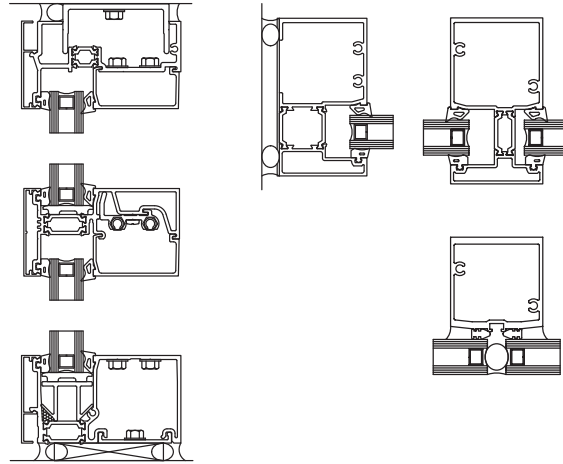
## Features

- Overall system dimensions: 2-1/2" x 4-1/2" and 6"
- Front set, inside glazed configurations
- Continuous head and sill members
- Up to +/- 1/2" liveload movement at head anchor
- Glass reinforced polyamide insulating strip thermal breaks on all members for superior thermal performance
- SSG glazing with molded bridge
- Shear block assembly at horizontal
- Door frame components
- Complete 90° corners
- Optional incidental water management at head
- Transition to Reliance™ and Reliance-TC family curtain wall system
- Two-color finishing capability
- Factory-painted Kynar 500®/Hylar 5000® finishes, meeting all provisions of AAMA 2605
- Factory-anodized finishing

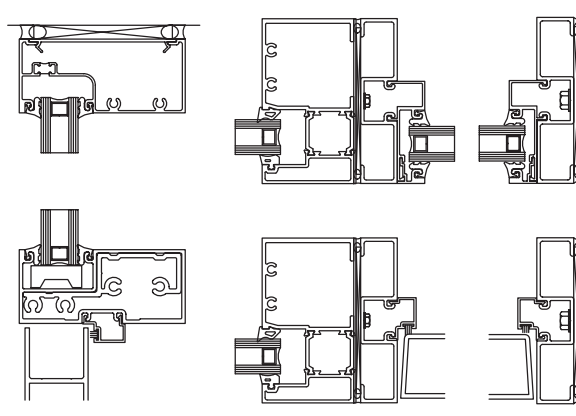


**Details**

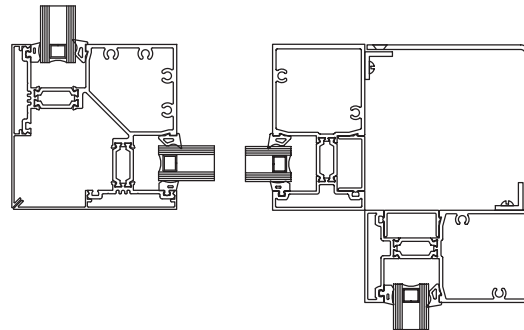
**Typical Details**



**Entrance Details**



**Transition Details**



**Performance**

- Air Infiltration: <.06 CFM/SQ FT (6.24 PSF) per ASTM E283
- Static Water: 15 PSF per ASTM E331
- Deflection Load: 35 PSF per ASTM E330
- Structural Load: 52.5 PSF per ASTM E330
- STC: 32 with Standard 1" Insulating Glass  
37 with Double Laminated 1" Glass
- Thermal Performance per AAMA 1503 for Clear 1" Insulating Glass: U-factor = 0.55, CRF frame = 69
- NFRC Tested and Certified

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