DOUBLE WEATHER-SEALED THROUGHOUT
Improved sectional design permits silent expansion and contraction as temperatures rise and fall. Double seal feature (even extends to the expansions sections) contributing to energy efficiency by reducing air infiltration.

EFFICIENT STRUCTURAL USE OF MATERIAL
Heavier sections are used where greater strength and deflection resistance are required. Lighter sections, where dictated by successful field and design experience, serve to keep costs in line.

ACHIEVES THAT PERMANENTLY NEW LOOK
All systems are designed to blend structural integrity with architectural good sense in permanently new looking storefronts or window walls. These storefront/window wall systems permit the architect to design fronts with essential freedom and built-in functional styling.

CONTINUOUS FLASHING REGARDLESS OF SILL CONDITION
Subsill pan provides continuous flashing regardless of sill conditions. To ensure proper water drainage any infiltrated water is drained to exterior through a series of 1/4" diameter weep holes strategically positioned in the subsill pan. Each weep hole is backed with a urethane coated baffle to reduce air infiltration and harmonic sounds on interior caused by wind gusting on the exterior.

ENTRANCE DOOR FLEXIBILITY
Cardinal Commercial Products framing systems are designed to accept Series 200N, 300M and 500W entrance doors with the most popular hardware and exit devices. All doors can be modified to become Accessible Entrance for meeting ADA specifications.

• Series 200N - Narrow Stile with 2 1/8" stiles
• Series 300M - Medium Stile with 3 3/4" stiles
• Series 500W - Wide Stile with 5" stiles

QUALITY IS ALSO A CRITICAL DIMENSION
Cardinal Commercial Products recognizes that no other product reflects more upon the practical design and long-life utility of a commercial building than aluminum storefront products and that no other product is viewed more often, from the exterior and interior. Quality doesn't cost, it pays!
**SERIES CF451T FEATURES**

Series CF451T is a thermally broken commercial flush glazed system for exterior glazing ground floor applications or interior glazing when used as a low rise window wall system. The system is designed for the vertical Mullions and filler plates to run through for optimum strength. All Cardinal Commercial Products framing is mechanically jointed using self-tapping screws into integral splines extruded within the body of the section. Jointing is by butt joints with applied sealant to protect against water egress and to reduce air infiltration.

**SYSTEM FEATURES**

- Sightline 2'' x 4½'' for 1" glazing infill
- Designed for thermal applications
- EPDM glazing gaskets
- Shop fabrication and precision punch die fabrication for screw spline holes
- Shop supervision and quality control
- Ladder assembly for transportation to job site for quicker installation
- Heavy duty mullions and/or steel reinforcement to meet high wind velocity requirements
- Sill receptor allows for heads of structural fasteners in subsill to be sealed prior to installing ladder panels
- Framing accepts Series 200N, 300M and 500W entrance doors

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**TECHNICAL SPECS - EXTERIOR GLAZED**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Specification</th>
<th>Value</th>
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<td>ASTM E330</td>
<td>Structural</td>
<td>+/- 35 PSF</td>
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<td>ASTM E331</td>
<td>Water</td>
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**TECHNICAL SPECS - INTERIOR GLAZED**

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Cardinal
Commercial Glazing Systems

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