Thermal Window Wall

GLAZING SYSTEM

Outside Glazed Performance

- ASTM E330 - Structural
  Design Pressure +35/-35 PSF
  Maximum DLO at Design Pressure = 46” x 72”
  Spans up to 8’-0” with maximum mullion spacing at 48” on center
  - ASTM E331 - Water
    15 PSF
  - ASTM E283 - Air
    @ 6.24 PSF < 0.060 cfm/ft²
  - AAMA 1503 - Thermal
    U-Factor .46
    CRF 61

Inside Glazed Performance

- ASTM E330 - Structural
  Design Pressure +55/-55 PSF
  Maximum DLO at Design Pressure = 46” x 92”
  Spans up to 8’-0” with maximum mullion spacing at 48” on center
  - ASTM E331 - Water
    15 PSF
  - ASTM E283 - Air
    @ 6.24 PSF < 0.060 cfm/ft²
  - AAMA 1503 - Thermal
    U-Factor .46
    CRF 61

FINISHES

- Architectural Class I and Class II Anodized finishes are available in stock colors.
- Architectural Powder Coat, the “green” choice, conforming to AAMA 2604 and AAMA 2605 are available in stock and custom match colors.

Front Line FS400T 2” x 4 1/2” Thermal Window Wall utilizes a continuous poured and debrided polyurethane thermal barrier.

FS400T
THERMAL WINDOW WALL SYSTEM • 1”
**FEATURES**

- 2” x 4 1/2” Profile for 1” glazing infill
- Top load EPDM gaskets
- Full complement of system designed parts and accessories
- Full height sub-sill
- Heavy wall mullion option without steel reinforcing
- Hydraulic CoraPunch or drill jig fabrication options
- Screw-spline joinery using #14 x 1” hex-head screws
- Deep pocket perimeter sections allow for:
  - Direct anchor attachment to substrate
  - Use of 1/4” diameter hex-head anchor bolts to substrate
- Deep pocket perimeter sections eliminate:
  - Drilling access holes
  - Blind caulk seals
- Fully tested for outside and inside glazing

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**HEAD**

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**HORIZONTAL**

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**SILL**

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**JAMB**

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**VERTICAL STEEL REINFORCEMENT**

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**VERTICAL**

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