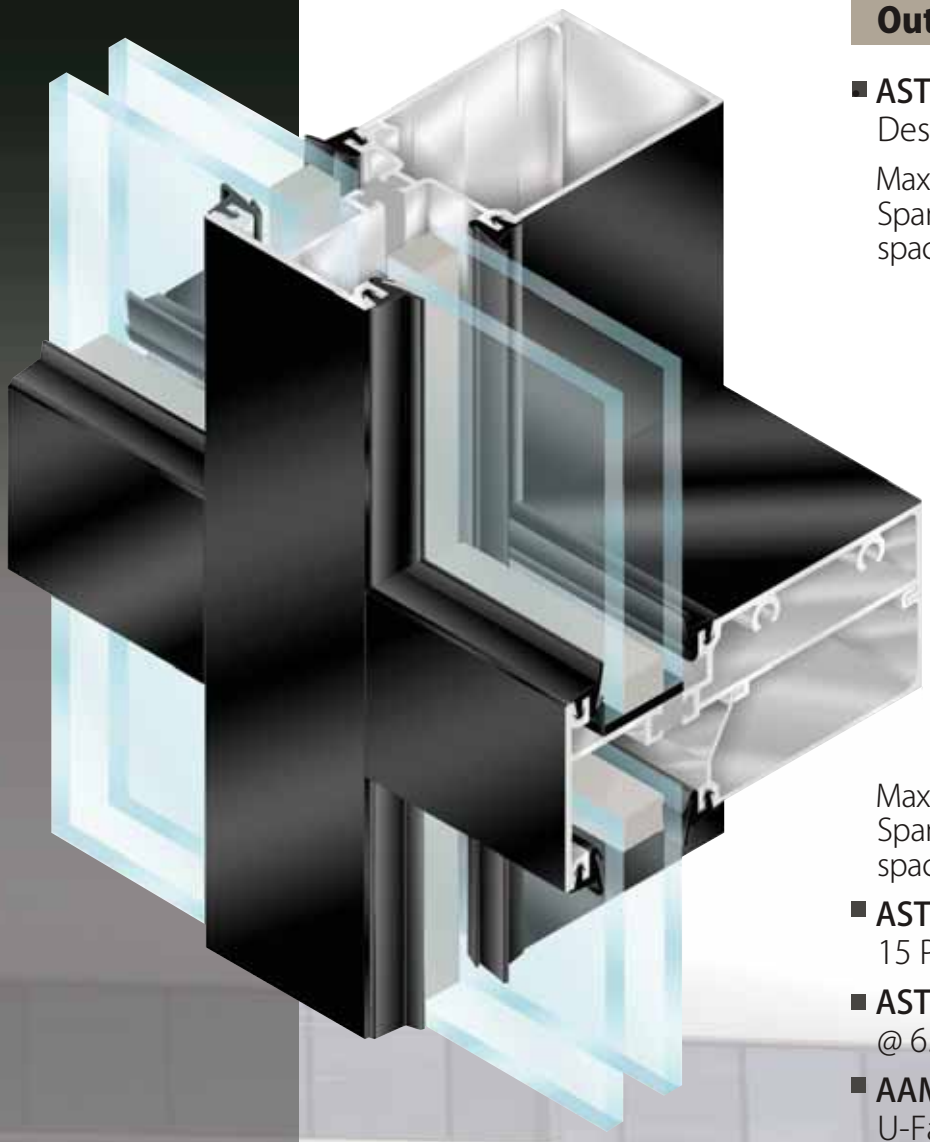
Thermal Window Wall

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/ft^2
  - **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/ft^2
- **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 debridged polyurethane thermal barrier.

FS400T

THERMAL WINDOW WALL SYSTEM • 1"

FRONT LINE
ALUMINUM SYSTEMS

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Architectural Products

Thermal Window Wall

GLAZING SYSTEM

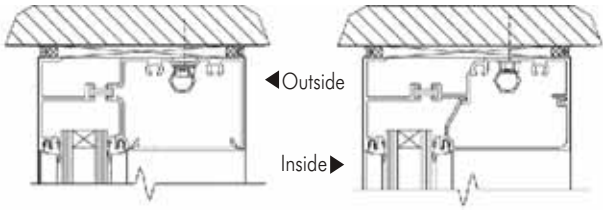
FS400T

THERMAL WINDOW WALL SYSTEM • 1″

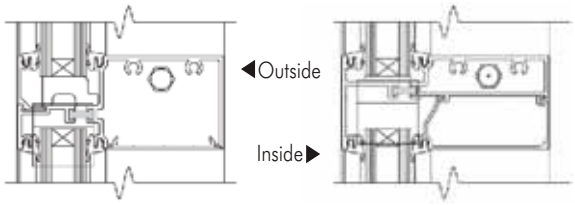
FEATURES

- 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

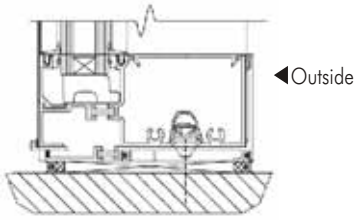
HEAD



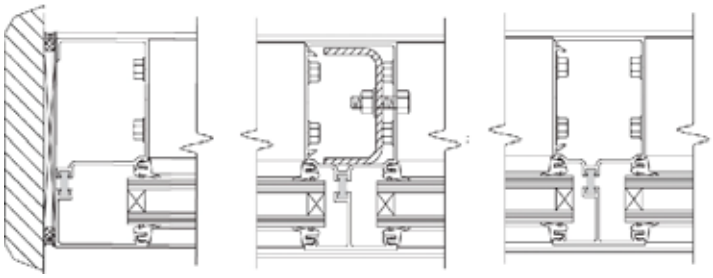
HORIZONTAL



SILL



JAMB | VERTICAL STEEL REINFORCEMENT | VERTICAL



FRONT LINE ALUMINUM SYSTEMS

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