

Series W50i

Architectural Rated Thermal Break Aluminum Window Wall



Transform Your Space with Unmatched Elegance and Performance

Crystal's Series W50i Window Wall redefines architectural beauty and efficiency. This floor-to-ceiling window wall system brings an expansive, unobstructed view, creating a seamless connection between your indoor and outdoor spaces. Perfect for modern residential and commercial applications, the W50i is designed to enhance both aesthetics and functionality.

Key Features:

- **Floor-to-Ceiling Design:** Maximizes natural light and offers breathtaking panoramic views.
- **Energy Efficiency:** Advanced thermal break technology ensures superior insulation and energy savings.
- **Durability:** Constructed with high-quality materials for long-lasting performance and minimal maintenance.
- **Versatility:** Customizable options to fit any architectural style and design requirements.

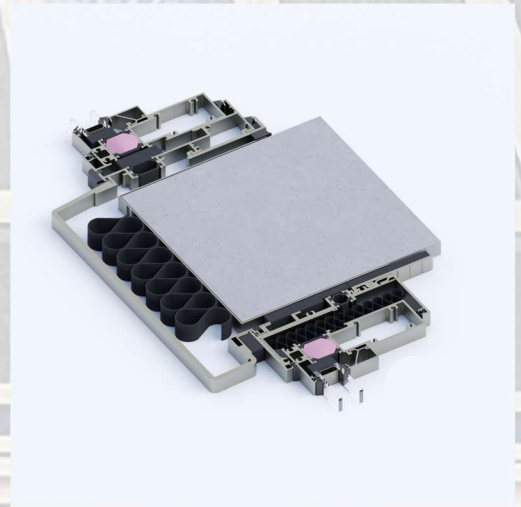
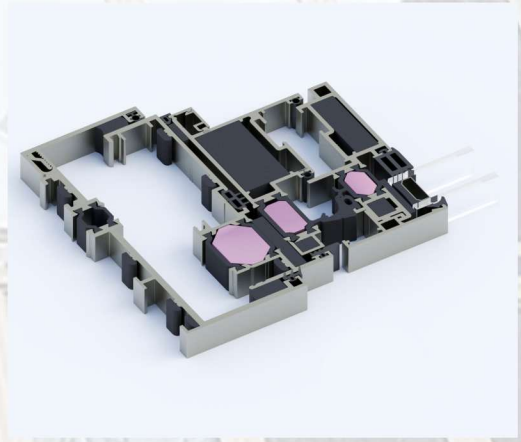
Crystal[®]
WINDOW & DOOR

Crafted with Passion, Built to Perform[™]

W50i Series

Product Features

- . Compliant with the Latest NYC Energy Code
- . 5" Frame Depth with Wide Polyamide Thermal Barrier
- . AAMA Rating: Class AW-PG55
- . Glazing Option with 1", 1¼" and 1½"
- . Dry Glazing
- . Two-Tone Color Capability
- . Fast Installation with Integrated Snap-In System
- . Triple Gaskets on Male and Female Frame Joint
- . Multiple Installation Options
- . Operable Units, Project-Out and Inswing Casement, Integrated with the Window Wall System
- . Various Hardware
- . OS Handle on Project-Out



Optional Features

- . Integral Slab Bypass System
- . Bent Metal Slab Cover
- . Structural Mullion Profiles with 5", 6" and 7"
- . Hard Foam Thermal Inserts
- . Steel Inserts for Structural Improvement
- . Various Finish & Colors

Speak to your Crystal representative regarding the wide array of accessories for anchorage, esthetics, and enhanced performances

Crystal Window & Door Systems, Ltd.

NYC, NY (HQ)	31-10 Whitestone Expressway, Flushing, NY 11354 Tel: 800.472.9988/718.961.7300 Fax: 718.460.4594
SCRANTON, PA	204 Franklin Valley Rd., Dalton, PA 18414 Tel: 570.276.8000 Fax: 570.563.5313
CLEVELAND, OH	29299 Clemens Rd. 1-B, Westlake, OH 44145 Tel: 440.871.8694 Fax: 440.871.8690
ST. LOUIS, MO	300 Axminister Dr., Fenton, MO 63026 Tel: 636.305.7880 Fax: 636.305.7881
CHICAGO, IL	1300 W. 35th st. Chicago, IL 60609 Tel: 773.376.6688/888.280.3288 Fax: 773.376.6868
RIVERSIDE, CA	1850 Atlanta Ave., Riverside, CA 92507 Tel: 951.779.9300 Fax: 951.779.6300
DALLAS, TX	454 W. Mockingbird Ln, Dallas, TX Tel: 469.248.3012 Fax: 469.248.2978
TORONTO, ON	30 West Pearce Street, Richmond Hill, ON, L4B 1E3 Tel: 905.889.9883 Fax: 905.889.5891

Crystal Windows Affiliations:  



Find us on:     

Product Performance

Minimum Window Joint Sightline: 2+1/4"
u-Value: 0.215 to 0.419
Sound Reduction: OITC 29 – 37, STC 32 – 43
Air Infiltration @ 6.24 psf: 0.03-0.10 cfm/ft2
Air Exfiltration @ 6.24 psf: 0.01-0.05 cfm/ft2
Water Penetration Resistance: 12-15 psf

SCAN ME



Crystal

WINDOW & DOOR