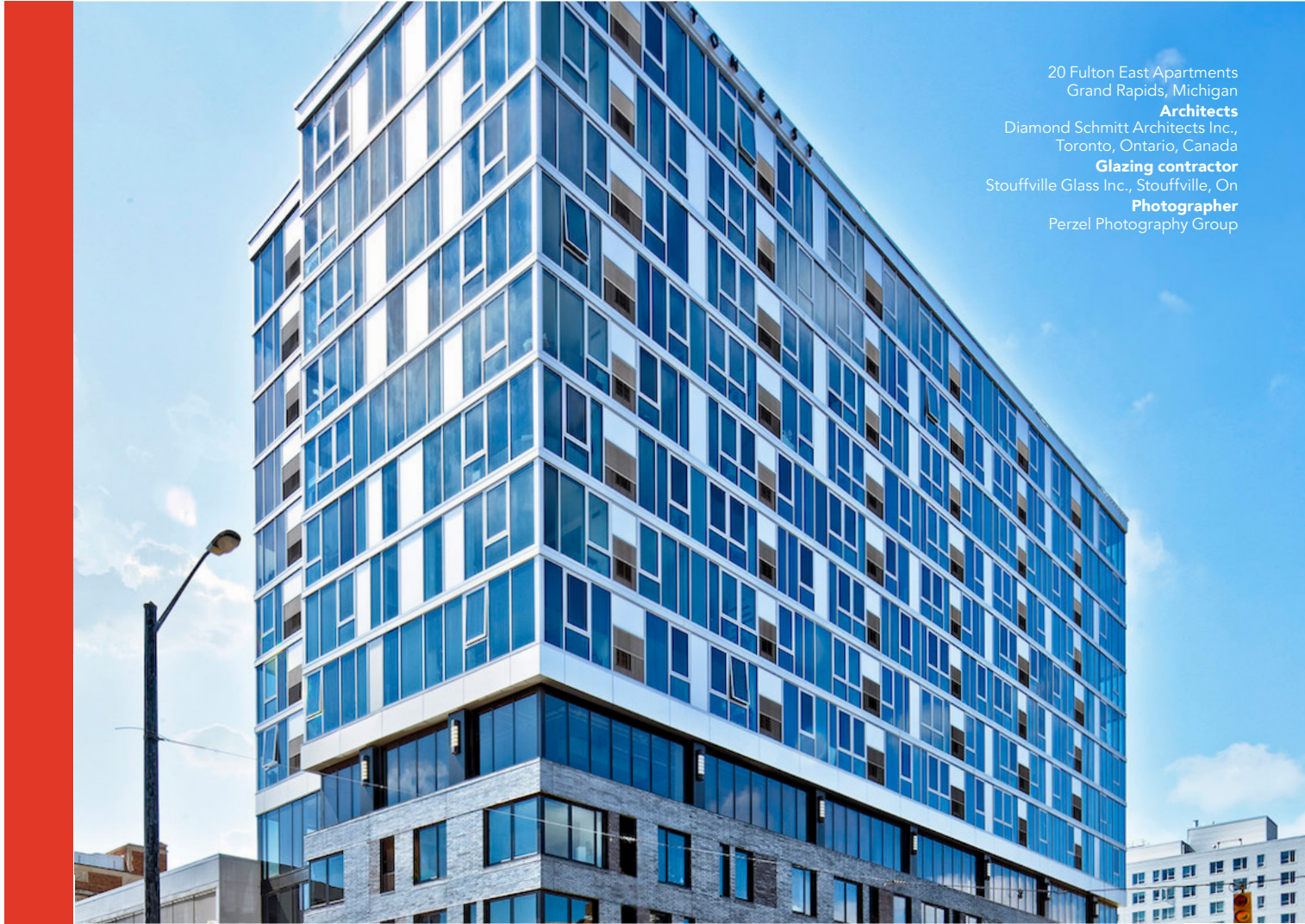


WINDOWS THAT OPEN DESIGN POSSIBILITIES

8225TL THERMAL WINDOWS



20 Fulton East Apartments
Grand Rapids, Michigan

Architects

Diamond Schmitt Architects Inc.,
Toronto, Ontario, Canada

Glazing contractor

Stouffville Glass Inc., Stouffville, On

Photographer

Perzel Photography Group

8225TL Thermal Windows combine design flexibility and high performance. This is fenestration for today. Windows that offer engineering and superior aesthetics – true lasting value combined with the elements of design excellence.

These windows address all-important issues of form, function and performance. Architects, building owners and occupants alike will find their new window expectations fulfilled in the 8225TL, because behind these windows stands the Kawneer tradition of leadership in architectural aluminum window systems.

AESTHETICS

The choices offered by these windows translate into design flexibility: 8225TL Thermal Windows come in a variety of operable and fixed versions. These are windows for every building application and for every design possibility.

Cast white bronze locking hardware lends superior strength and an attractive appearance to 8225TL Thermal Windows. Because details count, panning systems and muntins are a basic part of the product offering, as well as dual glazing and venetian blinds. They answer individual needs of new office, school and hospital architecture, as well as a range of retrofit options.

PERFORMANCE

The pressure-equalized ventilators feature mitered, clipped, sealed and staked corner joinery that securely supports even the largest recommended window size, while the screw spline jointed frames are secured with two stainless steel fasteners in extruded screw ports to ensure strong, watertight joints. Standard factory silicone glazing also assures that only the highest-quality glazing methods, procedures and materials are used.

8225TL Thermal Windows' superior thermal performance stems from Kawneer's IsoLock™ thermal break with a 3/8" (9.5 mm) separation that effectively separates the interior of the window from the exterior in both frame and vent members. The IsoLock™ difference is a lanced design that creates a positive interlock between the polyurethane and aluminum components of a pour-and-debridge thermal break. With IsoLock™, the two materials act as a single composite element, thus protecting from any possibility of shrinkage of the polyurethane from frame members.

The windows have a vent and frame design that retards air infiltration and provides water resistance under the most severe weather conditions. For added performance, fixed, fixed/project-out and project-out window configurations are large and small missile impact tested, and they meet or exceed AAMA/WDMA/CSA 101/I.S. 2/A440 performance standards.

CHOOSE KAWNEER 8225TL THERMAL WINDOWS FOR:

- Design flexibility and performance
- The advantage of Kawneer single-source responsibility
- Value that lasts well into the future
- Fully engineered and tested designs

CLASS AND GRADES

Fixed	F-AW100
Project-In	AP-AW90
Project-Out	AP-AW90
Inswing Casement	C-AW90
Outswing Casement	C-AW90

IMPACT TEST PRESSURES

Configurations	LMI Test Pressure	SMI Test Pressure	Florida Product Approval
Fixed	+/-90	+/-90	FL44172*
Fixed/Project-Out	+/-90	+/-90	FL44175*
Project-Out	+/-90	+/-90	FL44175*
Casement	+/-90	+/-90	FL46588.1
Casement-Emergency Egress	+/-90	+/-90	FL46588.2

For more information on Kawneer Product Approvals, [click here](#).

*Additionally received Texas Department of Insurance (TDI) approval through third-party evaluation.