



## **Tyrol TR-11 Edge Windows and Doors**

The TR-11 Edge is one of Alpen's top-performing windows, delivering unparalleled energy efficiency with advanced quad-pane technology. An evolution of the European-inspired Tyrol Series™ the **Tyrol Edge** is sleek and minimalist, designed to complement modern architecture with its sharp, clean corners and bold aesthetics. Its slim frames and clean edges create expansive openings that maximize natural light and panoramic views, making it ideal for contemporary spaces. Pairing PHIUS-certified thermal performance with design freedom, the Tyrol Edge offers versatility for modern custom homes and light commercial projects seeking both efficiency and striking visual appeal.

Engineered for versatility and elegance, its lightweight, steel-free fiberglass reinforcement system eliminates thermal bridging while reducing material complexity, allowing for larger openings with exceptional structural integrity.

### **Benefits:**

- NFRC whole-window ratings up to R-10 (U-0.10)
- Center-of-glass performances up to R-15.4 (U-0.07) with quad-pane insulated glass
- Full range of glazing options for maximum energy savings and comfort
- Fiberglass-reinforced profile allows for larger sizes without steel reinforcement



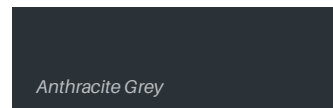
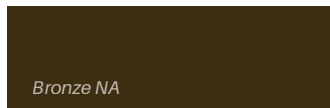
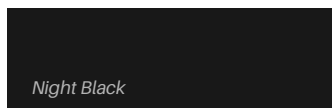
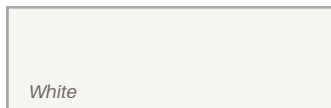
TR-11 EDGE FULL FRAME NFRC DATA							CENTER-OF-GLASS PERFORMANCE			
TYPE	GLASS PACKAGE	U-FACTOR	R-VALUE	SHGC	VT	CR	U-FACTOR	R-VALUE	SHGC	VT
Fixed	SolarControl-11 TGQ	0.10	10	0.17	0.40	74	0.07	15.4	0.21	0.50
Tilt-Turn & Hopper	SolarControl-11 TGQ	0.11	9.1	0.15	0.35	73	0.07	15.4	0.21	0.50

SolarControl  
Lowest Solar Heat Gain Coefficient

AlpenGlass: ThinGlass Quad (TGQ)

\*Thermal performance results calculated according to NFRC. NFRC Certification is underway.  
\*\*Center-of-glass values calculated per NFRC 2010 and represent nominal performance for glazing only.

## Frame Colors

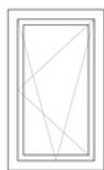


Printed colors provide a general reference and are not an exact match to the final product.

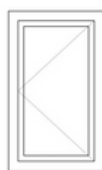
## Window Types



Picture



Tilt-Turn



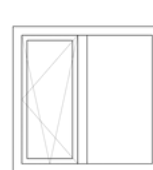
Hopper



Turn Only



Geometric



Assembly

## Operable Window Handles



White



Bronze



Black



Nickel

