



The Tyrol Tilt-Glide Door offers architects and builders a European-inspired solution for residential and commercial projects. With Tyrol Edge frames, its slim profiles and sharp geometry maximize glass and natural light, while internal reinforcement provides enhanced structural rigidity and hardware stability. With Passive House frame U-factor 0.18, this solution is ideal for large openings with limited space, delivering design flexibility and confident performance. Phius certification underway.

Up to
R-8



- **Smooth, Effortless Tilt-Glide Operation:** Combines secure tilt ventilation with precision roller systems to allow large panels to glide quietly with minimal effort.
- **Secure Ventilation Mode:** Tilt position provides fresh air while maintaining a high level of security and weather protection.
- **Superior Airtightness:** Compression seals and multipoint locking deliver superior energy efficiency and indoor comfort compared to typical sliding doors.
- **Large Glass Capability:** Supports expansive panels to maximize daylight and outdoor views without sacrificing performance.
- **AlpenGlass Insulated Glass Units:** Deliver enhanced energy efficiency, comfort, and acoustic performance.
- **Built for High Performance:** NFRC whole-door ratings up to R-8 (U-0.13) with a full range of glazing options.

Thermal Performance Data

ThinGlass Triple (TGT) / ThinGlass Quad (TGQ)

TR-6 EDGE		FULL FRAME NFRC DATA					CENTER-OF-GLASS PERFORMANCE			
Glass Package	U-Factor	R-Value	SHGC	VT	CR	Air Infiltration	U-Factor	R-Value	SHGC	VT
SolarControl-6 TGT	0.17	5.8	0.18	0.41	71	≤0.06 cfm/ft ²	0.13	7.9	0.24	0.57
Balanced-6 TGT	0.17	5.9	0.26	0.42	71	≤0.06 cfm/ft ²	0.13	8.0	0.35	0.58
HighGain-6 TGT	0.18	5.7	0.41	0.51	71	≤0.06 cfm/ft ²	0.13	7.6	0.56	0.70
SolarControl-9 TGQ	0.15	6.8	0.17	0.39	75	≤0.06 cfm/ft ²	0.09	10.8	0.23	0.53
Balanced-9 TGQ	0.15	6.8	0.24	0.39	75	≤0.06 cfm/ft ²	0.09	10.9	0.33	0.54
HighGain-9 TGQ	0.15	6.6	0.39	0.48	74	≤0.06 cfm/ft ²	0.10	10.2	0.53	0.65
SolarControl-11 TGQ	0.13	7.9	0.16	0.36	67	≤0.06 cfm/ft ²	0.07	15.2	0.22	0.49

Thermal performance results calculated according to NFRC. NFRC Certification is underway. COG values are calculated based on NFRC 2010 using LBNL Window 7.8 and represent nominal performance for glazing only.

Size Options

Configuration	Min.Width	Min.Height	Max. Width at Full Height	Max. Width at Reduced Height	Max. Sash Weight
Tilt-Glide	56"	56"	113" x 96"	117-3/4" x 92"	210 lbs*

*Fixed glazing will ship separate from frame; field glazing required.

Performance Details

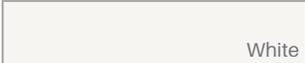
 **Design Pressure**
30 psf - 40 psf

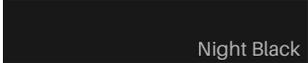
 **Passive House Performance**
Frame: Uf, m - 0.18

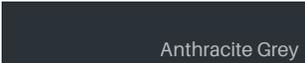
 **Performance Class**
LC

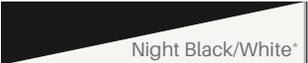
Door: Uw - 0.14 - 0.17*
*with COG Ug-0.12

Frame Colors

 White

 Night Black

 Anthracite Grey

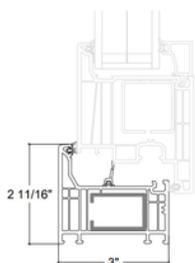
 Night Black/White*

 Bronze NA

*Two-tone split finish not available on outswinging doors

Printed colors provide a general reference and are not an exact match to the final product. Other finish options are available but will be subject to additional charge and lead time.

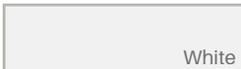
Tilt-Glide Sill



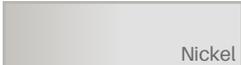
High-performance 2 3/4" sill maximizes air and water tightness while combining the compression seals of a swing door with the space-saving operation of a sliding door. The tilt function provides secure ventilation and effortless glide operation.

Best For: Patio Doors; Balcony Doors; Secure Ventilation Applications

Hardware Colors

 White

 Bronze

 Nickel

 Black

Printed colors provide a general reference and are not an exact match to the final product. Order samples on our website at www.thinkalpen.com.



Configurations



Tilt-Glide



Sidelights



Transoms

Enhance your Tilt-Glide configuration and increase natural light with sidelights and transoms:

- Sidelights up to 72" x 96"
- Transoms up to 80" x 36"