

Calculation based on ISO 10077-2, EN 673, EN 410

Product name: Alpen Tyrol TR6 Tilt Turn

Center-of-glass properties

ASHRAE/IECC  
/DOE North  
American  
Climate Zone

North,  
East,  
South-  
West -  
facing  
facing



SolarControl-6 TGT No Grids

Climate specific recommendations:

Whole-window installed U-value

U<sub>cog</sub>-Value

W/m<sup>2</sup>K      BTU/hr.ft<sup>2</sup>.F

SHGC

W/m<sup>2</sup>K

BTU/hr.ft<sup>2</sup>.F

8

0.93      0.16

0.274

0.683

0.120

7

0.92      0.16

0.274

0.666

0.117

6

0.91      0.16

0.274

0.653

0.115

5

0.91      0.16

0.274

0.655

0.115

4

0.91      0.16

0.274

0.659

0.116

Marine North



0.91      0.16

0.274

0.662

0.117

Marine South



0.92      0.16

0.274

0.668

0.118

3

0.91      0.16

0.274

0.664

0.117

2 West



0.92      0.16

0.274

0.679

0.120

2 East



0.92      0.16

0.274

0.679

0.120

Alpen Tyrol TR6 Tilt Turn

Super Spacer S2 Premium

FRAME

Psi-spacer

Psi-opaque

Frame height

U-frame

mm

in

W/m<sup>2</sup>K

BTU/hr.ft<sup>2</sup>.F

W/mK

BTU/hr.ft.F

W/mK

Head

117

4.61

0.96

0.17

0.033

0.019

0.156

Sill

117

4.61

0.97

0.17

0.032

0.019

BTU/hr.ft.F

left jamb

117

4.61

0.95

0.17

0.032

0.019

0.090

right jamb

117

4.61

0.95

0.17

0.032

0.019

Grade C

Valid through May 2025