

# Viracon PLUS™ Smart Glass powered by HALIO®

## Trapezoid Shape Guide

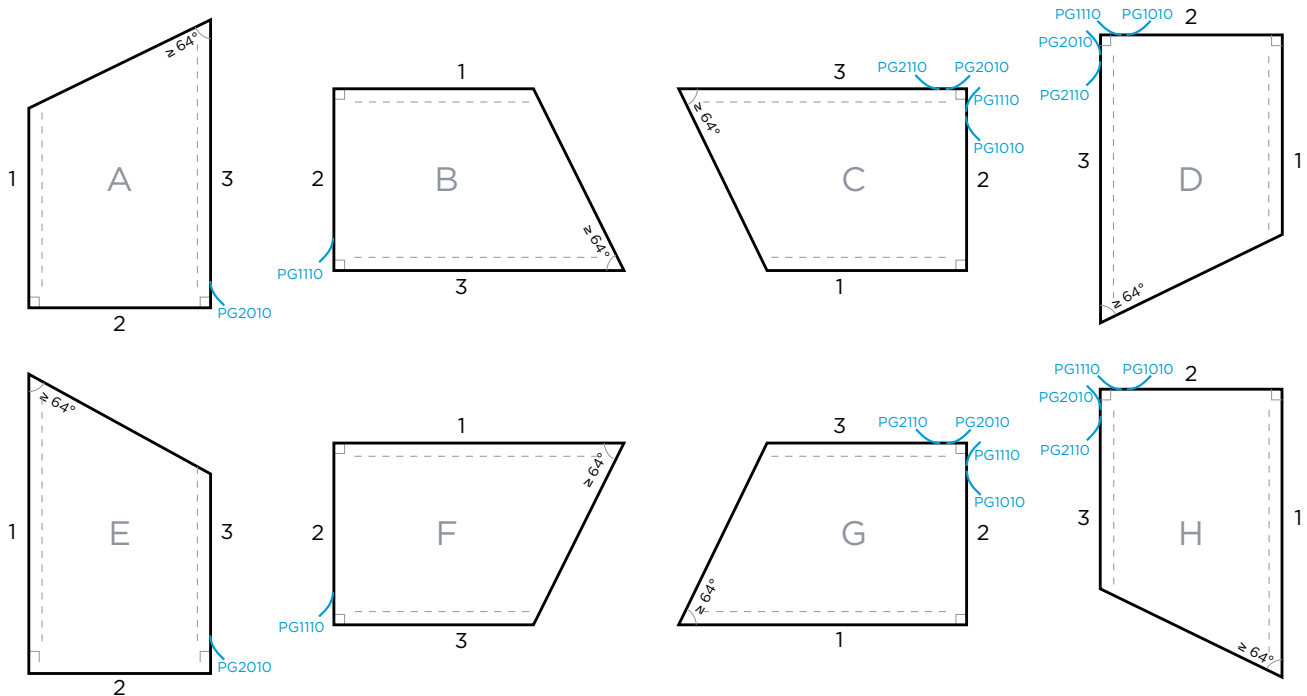
In addition to rectangle shapes, Viracon now offers insulated glazing units (IGUs) in trapezoid shapes. Specific rules for the trapezoid Smart Glass IGUs are described below.

- The trapezoid shape must contain two adjacent 90° angles (right trapezoid or “box” trapezoid).
- The side labeled 2 in diagrams below must be perpendicular to both side 1 and side 3.
- The acute angle of the trapezoid must be greater than or equal to 64°.
- Sides labeled 1, 2, and 3 in the diagrams below must adhere to the minimum and maximum dimension range in the following table:

Side Number	Conventional Captured Frame				Structurally Silicone Glazed (SSG) Frame			
	Inches		Millimeters		Inches		Millimeters	
	Min	Max	Min	Max	Min	Max	Min	Max
1	24-3/32"	119-17/32"	612 mm	3036 mm	24-7/8"	120-5/16"	632 mm	3056 mm
2	24-3/32"	58-3/4"	612 mm	1492 mm	24-7/8"	59-17/32"	632 mm	1512 mm
3	24-3/32"	119-17/32"	612 mm	3036 mm	24-7/8"	120-5/16"	632 mm	3056 mm

- Some trapezoid orientations have limited pigtail options. Pigtail options for each orientation are shown in the table to the right and are indicated in blue on the diagrams below.

Orientation	Pigtail Options
A and E	PG2010 only
B and F	PG1110 only
C, D, G and H	PG1010, PG1110, PG2010, PG2110



NOTE: Trapezoids may transition slightly more slowly than rectangles depending on acute angle pitch, aspect ratio and controls configuration.