

## ASTM C1172 LAMINATED GLASS INSPECTION PROCESS

### MAXIMUM ALLOWABLE PROCESS BLEMISHES

	Size up to 25 Sf		Vertical Glazing Applications Size over 25 Sf	
	Central	Outer	Central	Outer
Bubbles	1/16"	3/32"	1/8"	3/16"
Blow In	N/A	CE 1/4"	N/A	CE 1/4"
		EE 1/16"		EE 1/16"
Hair/Lint	Light	Medium	Light	Medium
Dirt Spot	1/16"	3/32"	3/32"	5/32"
Short Interlayer	N/A	CE 1/4"	N/A	CE 1/4"
		EE 1/16"		EE 3/32"
Interlayer Scuff	Light	Medium	Medium	Medium

Imperfections must be separated by at least 12".

### SIZE TOLERANCE FOR RECTANGLES INCLUDING EDGE MISALIGNMENT

Overall Thickness	Annealed	HS or Tempered
$\leq 1/4"$	+5/32", -1/16"	+7/32", -3/32"
$1/4" \leq 1/2"$	+1/4", -1/16"	+1/4", -1/8"
$1/2" \leq 1"$	+1/4", -1/8"	+5/16", -1/8"

For Exposed Edge applications with glass size under 25 sq. ft., maximum edge misalignment is 1/8". Over 25 sq. ft. determined on request.

<p>CE – Covered Edge</p> <p>Central Area is the center 80% of the glass width and height.</p> <p>LIGHT – Noticeable at 39"</p> <p>See Standard for Maximum Bow and Warp</p> <p>See Standard for Allowable Blemishes in Skylights</p> <p>See ASTM C 1036 for Allowable Glass and Glass Surface Blemishes</p> <p>Viewing Conditions: Viewer position 90° to glass surface, daylight or uniform diffused background that simulates daylight. No direct sunlight.</p>	<p>EE – Exposed Edge</p> <p>MEDIUM – Noticeable at 39", but not at 10 ft.</p>
---	---