

**8361 Fixed Casement Air, Water, Structural Performance**  
(per AAMA/WDMA/CSA 101/I.S.2/A440-05)

Rating (DP) <sub>1</sub>	Max. Structural Pressure	Water Infiltration <sub>2</sub>	Air Infiltration <sub>3</sub>	Size Tested
C55	82.50	12.00	0.01	60 x 60
C50	75.00	7.50	0.01	72 x 63
C90 <sub>4</sub>	135.00	12.00	0.01	72 x 63
<b>Impact Model Rating - DP60, Large Missile Impact, Wind Zone 4, 72" x 63" TTT</b>				

<sub>1</sub> Structural Test Pressure (psf) tested to at least 150% of DP rating

<sub>2</sub> Water Infiltration (psf) tested to at least 15% of DP rating

<sub>3</sub> Air infiltration units = scfm/ft<sup>2</sup>

<sub>4</sub> Requires optional "EP" upgrade (wet glazed)

**EnergyStar  
Qualification**

Northern	N. Central	S. Central	Southern

**8361 Fixed Casement Thermal Performance**  
per NFRC 100 & 200 (values in parentheses have grids)

Glass Type	Unit u-value	u-value FF <sub>7</sub>	Unit SHGC <sub>5</sub>	Unit VLT <sub>6</sub>
<i>Clear insulating glass (clear/clear)</i>				
Clear	0.43	0.41	0.63 (0.56)	0.65 (0.58)
Clear/Impact <sub>11</sub>	0.46 (0.47)	NA	0.52 (0.47)	0.62 (0.56)
<i>Low E insulating glass (RLE 63/31<sub>13</sub> low e/clear, surface #2)</i>				
RLE 6331	0.30	0.28	0.25 (0.22)	0.50 (0.44)
RLE 6331/Argon	0.26	0.24	0.25 (0.22)	0.50 (0.44)
RLE 6331/Argon/Impact <sub>11</sub>	0.29 (0.30)	NA	0.24 (0.22)	0.48 (0.43)


**Additional Performance Glass Options**

<i>Low E insulating glass (RLE 71/38<sub>13</sub> low e/clear, surface #2)</i>				
RLE 7138	0.29	0.27	0.31 (0.28)	0.56 (0.50)
RLE 7138/Argon	0.26	0.23	0.31 (0.28)	0.56 (0.50)
<i>Reversed Low E insulating glass (clear/RLE 71/38 low e, surface #3)<sub>9</sub></i>				
RLE 71/38	0.29	0.27	0.38 (0.34)	0.56 (0.50)
RLE 71/38 /Argon	0.26	0.23	0.38 (0.34)	0.56 (0.50)
<i>Triple insulating glass (71/38 low e/clear/71/38 low e, surface #2,#5)</i>				
RLE 7138/CLR/RLE 7138/Argon <sub>8</sub>	0.19 (0.20)	0.17	0.27 (0.24)	0.44 (0.39)
RLE 7138/CLR/RLE 7138/Blend <sub>8,10</sub>	0.18 (0.19)	0.16 (0.17)	0.27 (0.24)	0.44 (0.39)
RLE 7138/CLR/RLE 7138/Krypton <sub>8</sub>	0.16 (0.17)	0.14 (0.15)	0.27 (0.24)	0.44 (0.39)




<sub>5</sub> Solar Heat Gain Coefficient

<sub>6</sub> Visible Light Transmission

<sub>7</sub> Optional Foam Insulation

<sub>8</sub> Subject to glass size limitations

<sub>9</sub> Low E coating on surface #3 to increase SHGC

<sub>10</sub> Blend is approximately 45% Krypton, 45% Argon, 10% Air

<sub>11</sub> Blend for triple IG is Krypton in one airspace, Argon in the other.

<sub>12</sub> Laminated glass used in Paradigm Impact windows meets the requirements of ASTM C 1172

<sub>13</sub> 71/38 Low E is regular residential SHGC glass. 63/31 Low E is low SHGC glass.

**8361 Fixed Casement Acoustic Performance**  
(per ASTM E 90-99)

Glass Configuration	STC Value
Clear SS-Clear SS	29
Clear SS-1/4" Lami	32

Note: Some listed options may require special pricing and have extended lead times