

9.0 FENSTRATION PRODUCT RATING CERTIFICATE (IP)

Certificate Authorization

Name: _____
Signature: _____

OVERALL RATING	
U-factor:	(Btu/h·ft ² ·°F)
SHGC:	
VT:	

Company: _____
Date: _____

STIPULATES THAT THE MATERIALS LISTED ON THIS CERTIFICATE WERE INSTALLED ON THE PROJECT IDENTIFIED BELOW

PROJECT INFORMATION:

Street Address: _____		
City: _____	State: _____	Zip: _____
GLAZING CONTRACTOR / INSTALLER:		
Contact Person: _____		
Street Address: _____		
Phone Number: _____		
City: _____	State: _____	Zip: _____

TABLE 1 - GLAZING

GLAZING MATERIAL SUPPLIER:		Contact Person: _____
Street Address: _____		Phone Number: _____
City: _____	State: _____	Zip: _____
Glass and Spacer Type: _____		# _____
Center-of-glass (C.O.G.) U-factor: _____	Center-of-glass (C.O.G.) SHGC: _____	Center-of-glass (C.O.G.) VT: _____

TABLE 2 - FRAMING

FRAMING MATERIAL SUPPLIER:						Contact Person: _____																																																																																																																								
YKK AP America Inc						David Warden																																																																																																																								
Street Address: _____						Phone Number: _____																																																																																																																								
101 Marietta Street NW, Suite 2700						678-838-6000																																																																																																																								
City: _____						State: _____ Zip: _____																																																																																																																								
Atlanta						Georgia 30303																																																																																																																								
Product Line: _____						YWW 60 TU Field Glazed (OG, Alum Spacer) Window Wall																																																																																																																								
<table><thead><tr><th colspan="2">U-factor Matrix Btu/h·ft²·°F</th><th colspan="2">SHGC Matrix</th><th colspan="2">VT Matrix</th></tr><tr><th>C.O.G. U-factor</th><th>Overall U-factor</th><th>C.O.G. SHGC</th><th>Overall SHGC</th><th>C.O.G. VT</th><th>Overall VT</th></tr></thead><tbody><tr><td>0.48</td><td>0.57</td><td>0.75</td><td>0.67</td><td>0.75</td><td>0.65</td></tr><tr><td>0.46</td><td>0.56</td><td>0.70</td><td>0.63</td><td>0.70</td><td>0.61</td></tr><tr><td>0.44</td><td>0.54</td><td>0.65</td><td>0.58</td><td>0.65</td><td>0.57</td></tr><tr><td>0.42</td><td>0.52</td><td>0.60</td><td>0.54</td><td>0.60</td><td>0.52</td></tr><tr><td>0.40</td><td>0.51</td><td>0.55</td><td>0.50</td><td>0.55</td><td>0.48</td></tr><tr><td>0.38</td><td>0.49</td><td>0.50</td><td>0.45</td><td>0.50</td><td>0.44</td></tr><tr><td>0.36</td><td>0.48</td><td>0.45</td><td>0.41</td><td>0.45</td><td>0.39</td></tr><tr><td>0.34</td><td>0.46</td><td>0.40</td><td>0.37</td><td>0.40</td><td>0.35</td></tr><tr><td>0.32</td><td>0.44</td><td>0.35</td><td>0.32</td><td>0.35</td><td>0.31</td></tr><tr><td>0.30</td><td>0.43</td><td>0.30</td><td>0.28</td><td>0.30</td><td>0.26</td></tr><tr><td>0.28</td><td>0.41</td><td>0.25</td><td>0.23</td><td>0.25</td><td>0.22</td></tr><tr><td>0.26</td><td>0.40</td><td>0.20</td><td>0.19</td><td>0.20</td><td>0.17</td></tr><tr><td>0.24</td><td>0.38</td><td>0.15</td><td>0.15</td><td>0.15</td><td>0.13</td></tr><tr><td>0.22</td><td>0.36</td><td>0.10</td><td>0.10</td><td>0.10</td><td>0.09</td></tr><tr><td>0.20</td><td>0.35</td><td>0.05</td><td>0.06</td><td>0.05</td><td>0.04</td></tr><tr><td>0.18</td><td>0.33</td><td colspan="4" rowspan="4">Air Leakage less than or equal to 0.06 cfm/ft² at a test pressure of 6.24 PSF when tested in accordance with (check one) ☐ AAMA/WDMA/CSA 101/I.S.2/A440 ☒ ASTM E283 (6.24 PSF) ☐ NFRC 400</td></tr><tr><td>0.16</td><td>0.31</td></tr><tr><td>0.14</td><td>0.30</td></tr><tr><td>0.12</td><td>0.28</td></tr><tr><td>0.10</td><td>0.26</td><td colspan="4"></td></tr></tbody></table>						U-factor Matrix Btu/h·ft ² ·°F		SHGC Matrix		VT Matrix		C.O.G. U-factor	Overall U-factor	C.O.G. SHGC	Overall SHGC	C.O.G. VT	Overall VT	0.48	0.57	0.75	0.67	0.75	0.65	0.46	0.56	0.70	0.63	0.70	0.61	0.44	0.54	0.65	0.58	0.65	0.57	0.42	0.52	0.60	0.54	0.60	0.52	0.40	0.51	0.55	0.50	0.55	0.48	0.38	0.49	0.50	0.45	0.50	0.44	0.36	0.48	0.45	0.41	0.45	0.39	0.34	0.46	0.40	0.37	0.40	0.35	0.32	0.44	0.35	0.32	0.35	0.31	0.30	0.43	0.30	0.28	0.30	0.26	0.28	0.41	0.25	0.23	0.25	0.22	0.26	0.40	0.20	0.19	0.20	0.17	0.24	0.38	0.15	0.15	0.15	0.13	0.22	0.36	0.10	0.10	0.10	0.09	0.20	0.35	0.05	0.06	0.05	0.04	0.18	0.33	Air Leakage less than or equal to 0.06 cfm/ft ² at a test pressure of 6.24 PSF when tested in accordance with (check one) ☐ AAMA/WDMA/CSA 101/I.S.2/A440 ☒ ASTM E283 (6.24 PSF) ☐ NFRC 400				0.16	0.31	0.14	0.30	0.12	0.28	0.10	0.26					The overall ratings for U-factor, SHGC and VT are based on a size of 79 in. X 79 in. as required in NFRC 100 and NFRC 200. Overall U-factors, Solar Heat Gain Coefficients (SHGC) and Visible Transmittances (VT) listed in the matrix were determined in accordance with NFRC 100 and NFRC 200 respectively by an accredited, independent laboratory. ACCREDITED INDEPENDENT LABORATORY: Intertek Reference NFRC 100 Report #: S4236.03-116-45 Reference 507-15 Report #: S4236.01-116-45 Reference AWS Test Report #: J5203.04-550-32 Directions: Fill out form completely. Determine the Overall Rating for this project by using the C.O.G. U-factor (winter-time), C.O.G. SHGC, C.O.G. VT from Table 1 and looking up the overall rating from Table 2. Indicate the Overall Rating in the space above. Linear interpolation is permitted.
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