

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: _____	
				Btu/h·ft ² ·°F		
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 Pre-Glazed (IG, Warm Edge Spacer) Window Wall					
	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 #: Q5390.03-116-45					
	Reference 507-15 Report #: Q5390.02-116-45					
	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.					
	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	0.58	0.75	0.67	0.75	0.65
	0.46	0.56	0.70	0.62	0.70	0.61
	0.44	0.54	0.65	0.58	0.65	0.56
	0.42	0.53	0.60	0.54	0.60	0.52
	0.40	0.51	0.55	0.49	0.55	0.48
0.38	0.50	0.50	0.45	0.50	0.43	
0.36	0.48	0.45	0.41	0.45	0.39	
0.34	0.46	0.40	0.36	0.40	0.35	
0.32	0.45	0.35	0.32	0.35	0.30	
0.30	0.43	0.30	0.28	0.30	0.26	
0.28	0.42	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	0.37	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)				
0.16	0.32	☐ AAMA/WDMA/CSA 101/I.S.2/A440				
0.14	0.30	☒ ASTM E283 (6.24 PSF)				
0.12	0.29	☐ NFRC 400				
0.10	0.27					