

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: _____

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-ft²·°F

TABLE 1 - GLAZING

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

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	0.63	0.75	0.35	0.75	0.32
0.46	0.63	0.70	0.33	0.70	0.30
0.44	0.62	0.65	0.31	0.65	0.28
0.42	0.61	0.60	0.29	0.60	0.26
0.40	0.60	0.55	0.27	0.55	0.23
0.38	0.60	0.50	0.25	0.50	0.21
0.36	0.59	0.45	0.22	0.45	0.19
0.34	0.58	0.40	0.20	0.40	0.17
0.32	0.57	0.35	0.18	0.35	0.15
0.30	0.56	0.30	0.16	0.30	0.13
0.28	0.56	0.25	0.14	0.25	0.11
0.26	0.55	0.20	0.12	0.20	0.09
0.24	0.54	0.15	0.10	0.15	0.06
0.22	0.53	0.10	0.07	0.10	0.04
0.20	0.52	0.05	0.05	0.05	0.02
0.18	0.52	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	0.51				
0.14	0.50	<input type="checkbox"/> AAMA/WDMA/CSA 101/I.S.2/A440			
0.12	0.49	<input checked="" type="checkbox"/> ASTM E283 (6.24 PSF)			
0.10	0.48	<input type="checkbox"/> NFRC 400			

Product Line: _____

50T Thermal Entrance System

The overall ratings for U-factor, SHGC and VT are based on a size of 37.75 in. X 82.375 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 #: K8284.02-116-45

Reference 507-15 Report #: K8284.01-116-45

Reference AWS Test Report #: K8272.03-550-18

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.

TABLE 2 - FRAMING