9.0 FENSTRATION PRODUCT RATING CERTIFICATE (IP)

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

Certificate Authorization

Name: Company:

Signature: 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: Btu/h·ft^2·°F 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

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	0.55	0.75	0.54
0.46	0.61	0.70	0.52	0.70	0.50
0.44	0.60	0.65	0.48	0.65	0.46
0.42	0.59	0.60	0.45	0.60	0.43
0.40	0.57	0.55	0.41	0.55	0.39
0.38	0.56	0.50	0.37	0.50	0.36
0.36	0.55	0.45	0.34	0.45	0.32
0.34	0.54	0.40	0.30	0.40	0.29
0.32	0.52	0.35	0.27	0.35	0.25
0.30	0.51	0.30	0.23	0.30	0.21
0.28	0.50	0.25	0.19	0.25	0.18
0.26	0.48	0.20	0.16	0.20	0.14
0.24	0.47	0.15	0.12	0.15	0.11
0.22	0.46	0.10	0.09	0.10	0.07
0.20	0.45	0.05	0.05	0.05	0.04
0.18	0.44	Air Leakage less than or equal to 0.06 cfm/ft^2			
0.16	0.42	at a test pressure of 6.24 PSF when tested in accordance with (check one)			
0.14	0.41	☐ AAMA/WDMA/CSA 101/I.S.2/A440			
0.12	0.40	☒ ASTM E283			
0.10	0.38	☐ NFRC 400			

Product Line:

YVS 410 TU (Single Hung)
Windows

The overall ratings for U-factor, SHGC and VT are based on a size of 42-1/4 in. X 59-1/16 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:
Architectural Testing

Reference NFRC 100 Report #: D5336.02-116-45
Reference 507-12 Report #: D5336.01-116-45
Reference AWS Test Report #: 0231-0308-04 (S5)

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.