WDMA / AAMA / CSA JOINT TECHNICAL INTERPRETATION

INTERPRETATION NUMBER
08-03

DATE OF INQUIRY: December 18, 2008

Approved 1/10

PERTINENT JOINT WDMA/AAMA/CSA SPECIFICATION(S):

1. AAMA/WDMA 101/I.S.2/NAFS-02 *Voluntary Performance Specification for Windows, Skylights and Glass Doors*
2. AAMA/WDMA/CSA 101/I.S.2/A440-05 *Standard/Specification for windows, doors, and unit skylights*
3. AAMA/WDMA/CSA 101/I.S.2/A440-08 *NAFS-North American Fenestration Standard/Specification for windows, doors, and skylights*

SECTION(S) IN QUESTION:

1. AAMA/WDMA 101/I.S.2/NAFS-02
    a. Clause 4.4.2.4 Maximum size tested
    b. Figure 4.3 – Examples of specialty products
    c. Clause 8.2.3 Composite Chart
    d. Clause 8.3.1 Composite Chart
2. AAMA/WDMA/CSA 101/I.S.2/A440-05
    a. Clause 4.4.2.5 Maximum size tested (MST)
    b. Figure 6 – Examples of specialty products
    c. Clause 8.3.4 Composite units and unique framing members
    d. Figure 28 – Window assembly qualification – Typical configurations
    e. Table 24 – Window assembly qualification
3. AAMA/WDMA/CSA 101/I.S.2/A440-08
    a. Clause 4.4.2.5 Maximum size tested (MST)
    b. Figure 6 – Examples of specialty products
    c. Clause 8.3.4 Composite units and unique framing members
    d. Figure 27 – Window assembly qualification – Typical configurations
    e. Table 25 – Window assembly qualification

INTERPRETATION REQUESTED:

1. When limited to a two-lite-high single hung window, if a manufacturer provides supporting engineering analysis and follows acceptable engineering practice that indicates loading (i.e. wind load, dead load, point load and deflection due to flexural loading) is equivalent or reduced on load bearing components, does structural testing of an "even split" unit qualify an "un-even split" unit when the lower portion is less than H/2 and the overall frame size of the "un-even split" unit is equal to or less than that of the "even split" unit?

2. When limited to a two-lite-wide OX or XO horizontal sliding window or door, if a manufacturer provides supporting engineering analysis and follows acceptable engineering

practice that indicates loading (i.e. wind load, dead load, point load and deflection due to flexural loading) is equivalent or reduced on load bearing components, does structural testing of an "even split" unit qualify an "un-even split" unit when one portion is less than W/2 and the overall frame size of the "un-even split" unit is equal to or less than that of the "even split" unit?

SUGGESTED INTERPRETATION:

1. Yes

2. Yes

REVIEWED/APPROVED BY:

COMMITTEE	COMMENTS / ACTION	STATUS	DATE
JDMG			
AAMA		Approved	2/16/10
CSA		Approved	1/15.10
WDMA		Approved	7/9/08