



AAMA / WDMA / CSA JOINT TECHNICAL INTERPRETATION REQUEST

DATE OF INQUIRY:

October 18, 2010

INTERPRETATION
NUMBER
10-01

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

AAMA/WDMA/CSA 101/I.S.2/A440-05
AAMA/WDMA/CSA 101/I.S.2/A440-08

SECTION(S) IN QUESTION:

Clause 5.3.6.6.2 Distributed Load Test
Figure 19 Set-up for distributed load test
Table 15 Loads for distributed load test

The distributed load test shall be used only for operable outswing casement windows, operable unit skylights, and operable roof windows.

The glazed test specimen shall be securely fastened so that the sash, when opened to its full extent, will be horizontal. Each different design of operable sash of the test specimen shall be tested. The load shall be applied vertically first in one direction and then in the opposite direction. The load shall be applied in the opening direction only for friction-based hardware. (See Figure 19.)

The sash and hardware shall be strong enough to support a 10 second duration uniform load as indicated in Table 15.

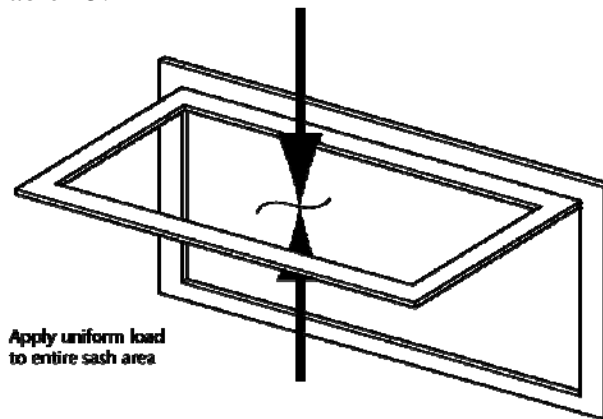


Figure 19
Set-up for distributed load test
(See Clause 5.3.6.6.2.)

Table 15
 Loads for distributed load test
 (See Clause 5.3.6.6.2)

Sash type	Performance class	Load, Pa (psf)*
Casement	R	240 (5.0)
Casement	LC, CW, and AW	300 (6.2)
Unit skylight or roof window	R	240 (5.0)
Unit skylight or roof window	CW	300 (6.2)

**The load specified includes the weight of the glazed sash.*

INTERPRETATION REQUESTED:

- 1) When testing an operable outswing casement window, operable unit skylight, or operable roof window with a glazing infill that produces a combined sash and infill weight exceeding the uniform load identified in Table 15, should a force be applied so that the net load is equal to that identified in Table 15 for the applicable sash type?

SUGGESTED INTERPRETATION:

- 1) Yes.

REVIEWED/ APPROVED BY:

COMMITTEE	COMMENTS / ACTION	STATUS	DATE
JDMG		Approved	10/4/2011
AAMA		Approved	5/13/2011
CSA		Approved	9/28/2011
WDMA		Approved	12/15/2010