



WDMA TECHNICAL INTERPRETATION 97-09

Approved: 10/97

DATE OF INQUIRY: June, 1985

PERTINENT SPECIFICATION: ANSI/AAMA/NWDA 101/I.S.2-97, "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors"

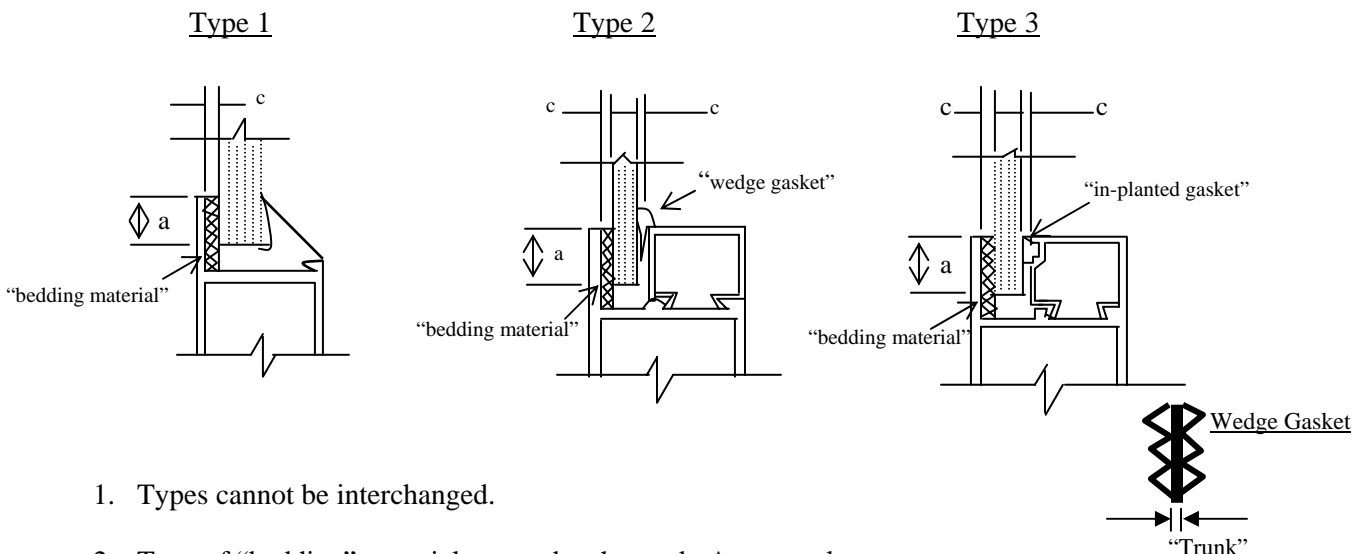
SECTION(S) IN QUESTION:

- Deglazing Tests for:
- 2.2.1.6.2 Hung Windows
 - 1.2.2.5.2. Horizontal Sliding Windows
 - 1.2.3.5.2. Vertical Sliding Windows
 - 2.2.19.5.2 Sliding Glass Doors

INTERPRETATION REQUESTED: What variations in design from the tested product are allowed to permit certification and labeling without retest?

INTERPRETATION MADE: The deglazing test evaluates the ability of the glazed sash or panel to resist forces tending to separate the glass from the sash or panel members. The ability of a product to pass the test requirements is dependent on the glass, glazing and framing system functioning together. Changes that could affect the system functioning as compared to the test unit will require retesting of the modified system. Several permissible variations covering the common glazing details are outlined below:

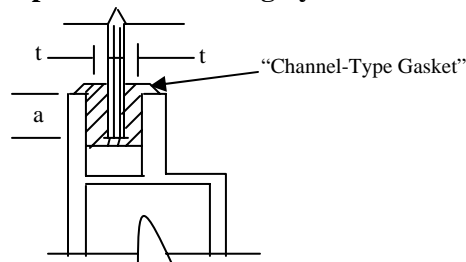
Drop-In Glazing Systems



1. Types cannot be interchanged.
2. Type of "bedding" material cannot be changed. As examples:
 - a. A ductile backbedding compound meeting AAMA 802.3 (Type 1) cannot be substituted for one meeting AAMA 802.3 (Type II).
 - b. A ductile backbedding compound meeting AAMA 802.3 cannot be substituted for backbedding glazing tapes meeting AAMA 804.1 or AAMA 806.1.

2. Dimension “a” cannot be less than in the tested unit.
3. Dimension “t” can be less but not more than 2 times that of the tested unit. However, the amount of compression of the substituted material shall be at least equal to the material in the tested unit (compression = thickness before inserting glass – t).
4. For Type 2 systems, the dimension “c” may vary from the tested unit provided that the material, hardness and all dimensions of the “wedge” gasket are unchanged from the tested except the “trunk” of the gasket and the compression requirements of #4 are met.
5. For Type 2 systems, the dimension “c” may vary from the tested unit provided that the material, hardness and all dimensions of the “in-planted” gasket are unchanged from the tested unit except that the portion outside the retaining groove may be modified and the compression requirements of #4 are met.

“Wrap-Around” Glazing Systems



1. Dimension “a” must be at least equal to the tested unit.
2. Dimension “t” can be less but not more than 2 times that of the tested unit. Changes to the “channel-type gasket” are to be made only in the “trunk area” as defined below:



3. The “Channel-type gasket” material and hardness shall be the same as the tested unit.

It is recognized that other design variations which differ from the above examples are possible. The variations are to be submitted to WDMA in writing for resolution.

REVIEWED/ APPROVED BY:

COMMITTEE	COMMENTS / ACTION	STATUS
JDMG		
WDMA	Reviewed by NWWDA Standards Maintenance Committee	Approved – 10/97
AAMA	Approved by AAMA Technical Policy Planning Committee as AAMA Technical Interpretation #35.	Approved – 11/85 Ed. Revised – 2/94, 1/98