



**WDMA TECHNICAL INTERPRETATION 02-04**

Approved: 8/03

**DATE OF INQUIRY:** December 11, 2002

**PERTINENT SPECIFICATION:** AAMA 305-00, ANSI/AAMA/NWDA 101/I.S.2-97, ANSI/AAMA/WDMA 101/I.S.2/NAFS-02

**SECTION(S) IN QUESTION:** Section 9.2 (305), Section 3.1.2 (101/I.S.2), Section 6.2.4.1 and Section 6.2.4.4 (101/I.S.2/NAFS)

**INTERPRETATION REQUESTED:** Can fiberglass sills used in sliding glass doors in lieu of aluminum sills be used without a surface coating?

**SUGGESTED INTERPRETATION:** Although section 9.2 of AAMA 305 states “All exposed areas must be coated” 101/I.S.2 is silent on this issue and only mentions AAMA 303 for PVC. This is because AAMA 305 was not approved as a standard until after the approval of 101/I.S.2. There are requirements for fiberglass parts in 101/I.S.2/NAFS in Section 6.2.4. Specifically, Section 6.2.4.1 requires fiberglass components to comply with the requirements of AAMA 305 but section 6.2.4.4 states “Fiberglass profiles which are not intended to be coated are permitted. Such profiles shall be shown to possess weathering resistance by exposing the test specimens to the weathering protocol of ASTM D 4726, Section A.1.1.”. In addition, it is noted that fiberglass sills are often replacement sills for aluminum sills which are traditionally furnished in mill finish because of the effects of foot traffic on applied finishes. It seems evident that the wording of section 6.2.4.4 in 101/I.S.2/NAFS is intended to override the requirements of section 9.2 of AAMA 305 provided that the weathering tests required in section A.1.1 of ASTM D 4726 are performed. Uncoated fiberglass sills are not mentioned in 101/I.S.2 and are permitted in 101/I.S.2/NAFS. Therefore, uncoated fiberglass sills which have been tested for weathering according to ASTM D 4726 are permitted.

**REVIEWED/ APPROVED BY:**

<b>COMMITTEE</b>	<b>COMMENTS / ACTION</b>	<b>STATUS</b>
<b>JDMG</b>		
<b>WDMA</b>	Approved by the WDMA Exterior Fenestration Standards Committee	Approved – 8/03
<b>AAMA</b>	Approved by the AAMA Document Management Committee as AAMA Technical Interpretation #66.	Approved – 6/03