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Voluntary “Life Cycle” Specifications and Test Methods for AW Class Architectural Windows and Doors

***THESE REVISIONS ARE EDITORIAL AND SIMPLY CLARIFY CONTENT***

SPECIFIC EDITS

Introduction (2nd paragraph) as written

This specification and test method is intended to model, through accelerated testing, the normal wear that can be expected during the life of a typical Architectural Class window or door (hereafter known as "AW product"). Life cycle modeling is accomplished by performing a representative number of basic vent operating cycles and locking hardware opening/closing cycles to simulate actual use. Vent or door cycling shall be permitted to be performed separate of hardware cycling to make standardized mechanical testing more feasible. Tests shall also be performed to simulate the loading conditions expected during washing, maintenance and predictable misuse situations. Thermal cycling is also an important durability attribute and is included in this specification.

Introduction (2nd paragraph) as modified

This specification and test method is intended to model, through accelerated testing, the normal wear that can be expected during the life of a typical Architectural Class window or door (hereafter known as "AW product"). Life cycle modeling is accomplished by performing a representative number of basic vent operating cycles and locking hardware opening/closing cycles for AW operable products to simulate actual use. Vent or door cycling shall be permitted to be performed separate of hardware cycling to make standardized mechanical testing more feasible. Tests shall also be performed to simulate the loading conditions expected during washing, maintenance and predictable misuse situations. Thermal cycling for AW operable and fixed products is also an important durability attribute and is included in this specification. AW fixed products follow the same order of testing as identified in Section 3.1 with the exception of those tests relating to operating force, force to latch, misuse, vent/sash/hardware cycling, and tests referred to as “(Optional)”.