

ASC Z97 **ANSI ACCREDITED STANDARDS COMMITTEE**

Safety Requirements for Architectural Glazing Materials

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Technical Interpretation TI-09.11.001

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Referenced Section(s): Section 5.1.4(1)

Interpretation Request: (What needs clarification/modification/removal?)

Interpret section 5.1.4 (1) "substantially in one piece". The request for interpretation relates to the impact of organic coated glass and the mode of breakage.

Interpretation:

Large shards detached from the glass, which create a high potential for cutting and piercing injuries shall not be considered substantially in one piece. This does not apply to glass dust or small particulates that may fall from the glass during testing.

Rationale:

Glass shards capable of inducing severe cutting and piercing injuries may detach from the organic coating and remain in frame, or shards may detach from the organic coated (film) and fall free. These glass pieces, are no longer considered a part of the specimen, therefore the specimen is not substantially in one piece.

Keywords:

compliance, detached glass, organic coating, film, shards, cutting and piercing

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