

# ASC Z97 ANSI ACCREDITED STANDARDS COMMITTEE

## *Safety Requirements for Architectural Glazing Materials*

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### Technical Interpretation TI-2016.0709.001

Document: **ANSI Z97.1-2015**  
Referenced Section(s): 5

Date: July 8, 2016

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

We, at Rohden Vidros Ltda. At Taió City, Santa Catarina, Brasil would like to ask for interpretation regarding the Standard ANSI Z97.1 - 2009. The request is related to the following:

**Subject:** Interpretation regarding Section 5 – Test Specifications, page 21, paragraph (3): The Impactor.

**Edition:** 2009.

**Question:** The impactor device indicated in the aforementioned section – page – paragraph, could it be replaced for the impactor type specified in the British Standard BS EN 12600:2002, page 7, section 5.1.1.4 mentioning: “Impactor consisting of two pneumatic tyres, Tyre 3.50-R8 4PR, in accordance with ISO 4251-1, with round section and flat longitudinal tread. The tyres shall be fitted to the rims of the wheels that carry two steel weights of equal mass. The weights shall be dimensioned so that the total mass of the impactor is (50 +/- 0,1 kg.”

#### **Request Rationale:**

The above question is because we already have an impact test apparatus accordingly with the BS EN 12600:2002, page 7, section 5.1.1.4; equivalent to the standard ABNT NBR 14698:2001, page 13, section A.2.2 and we require to test our product according to the Z97.1 – 2009.

#### **Suggested Revised Language:**

None

#### **Interpretation:**

Alternate impacting devices different than those described in section 5 of ANSI Z97.1 are not permitted for use in the qualification of safety glazing materials in accordance with ANSI Z97.1.

**Rationale:**

Substitute or alternate impactors are not permitted for use in the testing protocol for qualification or certification of safety glazing products to ANSI Z97.1.

Keywords: Compliance, Impact, Rating, impactor

Date of rendered interpretation: July 28, 2016