



February 11, 2011

Re: ANSI Z97.1 - 2009 Errata

Dear Purchaser of ANSI Z97.1-2009,

Thank you for purchasing the latest ANSI Z97.1 document. Unfortunately we have come across errors in the document and are issuing this errata statement to resolve the problems and any confusion caused by the errors. The modifications are indicated below:

Errata 1:

The requirement for 5% change was imposed incorrectly on the properties of Haze and YI. The intention of the committee was to allow a change of 5 actual units for the parameters meaning 5 percentage units change for visible light transmittance, 0.5 units increase for YI, 0.5 units change for Haze and a Delta E of 5 units.

Section 5.4.2.1.2 shall read as follows:

- (1) **Visible Light Transmittance** change not greater than 5 percentage units (e.g.: 91% control \pm 5% = 96% or 86%) as measured according to ASTM D1003; Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics.
- (2) **Yellowness Index** (for clear products only) change not greater than 0.5 YI units (e.g.: 0.70 YI control + 0.5 = 1.20) as measured according to ASTM E313; Standard Practice for Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates.
- (3) **Haze** change not greater than 0.5 percentage units (e.g.: 0.70 control \pm 1.20 or 0.20) as measured according to ASTM D1003; Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics.
- (4) **Delta E** less than or equal to 5 units as measured according to ASTM E308; Practice for Computing the Colors of Objects by Using the CIE System.

Errata 2:

Section 5.2.4 Center Punch Fragmentation Interpretation of Results

Current language: "The total weight of the ten (10) largest crack-free pieces shall weigh no more than the equivalent weight of 10 square inches (640 mm²) of the original test sample."

The conversion is incorrect.

10 square inches converts to 6452 square millimeters.

Section 5.2.4 shall read as follows:

The total weight of the ten (10) largest crack-free pieces shall weigh no more than the equivalent weight of 10 square inches (6452 mm²) of the original test sample.

The changes are incorporated in the new document designated as ANSI Z97.1-2009^{e2}. The superscript "e" indicates changes have occurred. This errata statement will serve as the update for ANSI Z97.1-2009. Please keep this statement with your standard.

If there are any questions concerning these changes, please send them to: Julia C. Schimmelpenningh, Secretary ANSI Z97.1 ASC; c/o Solutia Inc., 730 Worcester Street
Springfield, MA 01151 or e-mail: JCSCHI@Solutia.com.

We apologize for any inconvenience.

Sincerely,



Julia C. Schimmelpenningh
Secretary
ANSI Z97.1 ASC
Glazing Industry Secretariat Committee