



**Summary of Substantive Changes
between
CSA B45.8-02 “Terrazzo Plumbing Fixtures” and
IAPMO PS 99-2007 “Terrazzo, Marble, Concrete, Granite, and Slate
Plumbing Fixtures”,
and
CSA B45.8-13/IAPMO Z403-2013, “Terrazzo, concrete, and natural stone
plumbing fixtures”**

Presented to the IAPMO Standards Review Committee on November 4, 2013

General: The first edition of CSA B45.8/IAPMO Z403

- expanded the scope to cover terrazzo, concrete, and natural stone plumbing fixtures;
- harmonized the requirements of IAPMO PS 99-2007 and CSA B45.8-02; and
- included requirements for plumbing fixtures already included in all of the ASME/CSA and CSA/IAPMO harmonized standards for plumbing fixtures.

The substantive changes, which might have an impact on currently listed products, are:

- Added a thermal shock resistance test (Section 5.7)
- Added a test for tiling kits intended to be field installed (Section 5.8)
- Added a test for overflows (Section 5.9)

The following three tests originally required in Section 5.3 of PS 99-2007 were excluded from the harmonized standard:

- Cigarette test
- Chemical resistance test
- Water resistance test

Requirements for the following matters, which were not in PS 99-2007, are included in the harmonized standard:

- Dimensional tolerances (Section 4.1.1)
- Coatings (Section 4.1.2)
- Fixtures made of different materials (Section 4.1.3)
- Dimensions for slip resistant surfaces (Section 4.4.4)
- Warpage tolerance (Section 5.1)
- Markings and packaging (Section 6)

Section 5.6.3: the loss of white light reflectance was increased to 5% from 4% in PS 99.

Note: CSA B45.8-02 only had four tests, which are also in the harmonized standard, as follows:

- Compressive strength test (Section 3.1)
- Warpage tolerance (Section 3.2)
- Drain fitting connection test (Section 3.3)
- Blemishes and defects (Section 3.4)