



**Summary of Substantive Changes  
between the component standard  
ANSI A118.10 “American National Standard Specifications for Load Bearing, Bonded,  
Waterproof Membranes for Thin-set Ceramic Tile and Dimension Stone Installation  
of the 2011.1 and the 2014 editions of  
ANSI A108, A118, and A136, “Specifications for the Installation of Ceramic Tile”**

**Presented to the IAPMO Standards Review Committee on May 13, 2016**

**General:** The changes to ANSI A18.10 will have an impact on currently listed products. The substantive change is:

- Reduced the minimum allowable free waterway diameter of flexible drain systems from 1.25 to 0.625 in (see Section 18.2.1)

**Note:** *The remaining standards in this compendium are not currently used for product listing and the only the current edition of ANSI A118.10 will be adopted during this SRC meeting. However, it is of particular note that the component standard A108.01 was revised in 2013 to include a requirement for ICC certification. Requirements for compliance with a specific third party certification agency are in conflict with the Antitrust Policy noted in the ANSI Essential Requirements for Standards Development.*

Section 5.0, Shear strength to ceramic tile and cement mortar: Changed the sample preparation method for the substrate as follows

***5.1 Preparation of mortar blocks***

***Prepare 20 mortar blocks as specified in ASTM C482; Section 9.1.2. Blocks shall be stored for 25 additional days at the conditions specified in Section 3.2 above prior to use.***

***5.1 Concrete test substrate***

***The mandatory concrete test substrate shall be approximately 1.57 in. (40 mm) thick, have a moisture content of less than 3% by mass, and have a water absorption at the surface after four hours of testing in range of 0.03 in<sup>3</sup>-0.09 in<sup>3</sup> (0.5 cm<sup>3</sup>-1.5 cm<sup>3</sup>). The cohesive strength as referenced in Annex-A4.3 shall be at least 218 psi (1.5 MPa). A method for manufacturing a suitable concrete test slab and the procedures for measuring the cohesive strength and surface water absorption is given in Informative Annex A.***