

**From:** [Alma Ramos](#)  
**To:** [umctc@kavi.iapmo.org](mailto:umctc@kavi.iapmo.org)  
**Subject:** REVISED 2018 UMC TC MEETING MONOGRAPH  
**Date:** Wednesday, April 18, 2018 8:53:00 AM  
**Importance:** High

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Dear Technical Committee Members,

Due to some technical issues, it was determined that there were some submitted public proposals that were not included as part of the original monograph submitted on Friday April 13, 2018. The UMC had a total of 3 proposals that were missing from the UMC monograph.

**The 3 UMC missing proposals are as follows:**

**Item # 111, Item # 135, and Item # 194.**

Our IT dept is currently looking into this issue as to why it occurred and why the system did not catch all the proposals submitted. Our IT department has also verified with their database to ensure that all proposals submitted were included in the revised monograph.

The monograph has been updated to include the missing proposals as shown above and can be obtained using the following link:

<http://codes.iapmo.org/docs/2018%20UMC%20TC%20Meeting%20Monograph.pdf>

We apologize for the inconvenience that this may have caused. Please call us if you have any questions or concerns.

Thank you,

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# CODES ADMINISTRATION

Item #: 111

UMC 2021 Section: 1211.2(2), 1211.12(2)

**SUBMITTER:** Michael Cudahy  
Plastic Pipe and Fittings Association (PPFA)

**RECOMMENDATION:**  
Revise text

**1211.0 Joints and Connections.**

**1211.2 Chlorinated Polyvinyl Chloride (CPVC) Pipe.** (remaining text unchanged)

- (1) (remaining text unchanged)
- (2) Solvent cement joints for CPVC pipe and fittings shall be clean from dirt and moisture. Solvent cements ~~in accordance with shall comply~~ with ASTM F493, ~~those~~ requiring the use of a primer shall be orange in color. The primer shall be colored and shall comply with ASTM F656. ~~A two-step method of joining pipe and fittings shall be made in accordance with ASTM D2855.~~ Listed solvent cement ~~yellow or red in color~~ that complies with ASTM F493 and that does not require the use of primers ~~yellow or red in color~~, shall be permitted for pipe and fittings that comply with ASTM D2846, 1/2 of an inch (15 mm) through 2 inches (50 mm) in diameter or ASTM F442, 1/2 of an inch (15 mm) through 3 inches (80 mm) in diameter. Apply primer where required inside the fitting and to the depth of the fitting on pipe. Apply liberal coat of cement to the outside surface of pipe to depth of fitting and inside of fitting. Place pipe inside fitting to forcefully bottom the pipe in the socket and hold together until joint is set.
- (3) (remaining text unchanged)

**1211.12 Polyvinyl Chloride (PVC) Pipe.** (remaining text unchanged)

- (1) (remaining text unchanged)
- (2) ~~A two-step method of joining pipe and fittings shall be made in accordance with ASTM D2855.~~ Solvent cement joints for PVC pipe and fittings shall be clean from dirt and moisture. Pipe shall be cut square and pipe shall be deburred. Where surfaces to be joined are cleaned and free of dirt, moisture, oil, and other foreign material, apply primer purple in color that complies with ASTM F656. Primer shall be applied to the surface of the pipe and fitting is softened. Solvent cement that complies with ASTM D2564 shall be applied to all joint surfaces. Joints shall be made while both the inside socket surface and outside surface of pipe are wet with solvent cement. Hold joint in place and undisturbed for 1 minute after assembly.
- (3) (remaining text unchanged)

**TABLE 1701.1  
REFERENCED STANDARDS**

STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTIONS
<u>ASTM D2855-2015</u>	<u>Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets</u>	<u>Joints</u>	<u>1211.2(2), 1211.12(2).</u>

(portion of table not shown remains unchanged)

**Note: ASTM D2855 meets the requirements for mandatory reference standards in accordance with Section 3-3.7.1 of IAPMO's Regulations Governing Committee Projects.**

**SUBSTANTIATION:**  
ASTM D2855 is the two step installation practice. ASTM D2855 is Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets. ASTM D2855 now includes CPVC two step installation practice. The language could be cleaned up a bit in the section. ASTM D2855 is Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets.



# CODES ADMINISTRATION

**Item #: 135**

UMC 2021 Section: 1221.2.3

**SUBMITTER:** Michael Cudahy  
Plastic Pipe and Fittings Association (PPFA)

**RECOMMENDATION:**  
Revise text

**1221.0 Piping Installation.**

**1221.2 Embedded Piping Materials and Joints.** (remaining text unchanged)

**1221.2.3 Plastics.** Plastic Pipe and tubing shall be installed in continuous lengths or shall be joined by heat fusion or an approved joining method.

**SUBSTANTIATION:**

Not all embedded hydronic plastic piping can be joined by heat fusion methods, and mechanical or other means should at least be possible if approved by the AHJ. There are products that are used for this purpose, including pre-fab roll out systems.



# CODES ADMINISTRATION

Item #: 194

UMC 2021 Section: Table 1701.2

**SUBMITTER:** April Trafton  
Donald Dickerson Associates

**RECOMMENDATION:**  
Add new text

TABLE 1701.2  
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
<a href="#">IAPMO IGC 315-2016</a>	<a href="#">Water Manifold Systems</a>	<a href="#">Fittings</a>
<a href="#">IAPMO IGC 332-2017a</a>	<a href="#">Hydronic Radiators</a>	<a href="#">Miscellaneous</a>
<a href="#">IAPMO IGC 327-2016</a>	<a href="#">Flexible Metallic Expansion Joints for Pressure Systems</a>	<a href="#">Joints</a>

(portion of table not shown remains unchanged)

**SUBSTANTIATION:**

The standards proposed for inclusion in Table 1701.2 are used to test and list multiple products from several different manufacturers. Inclusion of these standards in Table 1701.2 will help the end users of the code to determining if a product has been evaluated or is appropriately listed.