

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

**IAPMO GUIDE CRITERIA
FOR**

**SHOWER DRAINS WITH INTEGRATED
BONDING FLANGES**

IGC 195-2011e1

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for drains with integrated bonding flanges for shower pans. Its purpose is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; and to promote understanding regarding materials, manufacture and installation.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction provided that any such alternate meets the intent of this standard.

2. SCOPE

- 2.1** This standard covers physical requirements and tests for types of materials, thickness, threads, dimensions and other significant properties in addition to general description of materials used. Certain features of construction and finish of the final product are also given, together with the methods of marking and identification.
- 2.2** The drains, covered by this standard, are intended for use in normal installations of showers when installed in compliance with Section 412.1 of the Uniform Plumbing Code

3. REFERENCE STANDARDS

- 3.1** All standards referenced herein shall be the current edition of that standard.
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| ASME A112.18.2/CSA B125.2 | Plumbing Fixture Waste Fittings |
| ASTM A240 | Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications |
| ASTM B221 | Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes |
| ASTM D1784 | Rigid Poly (Vinyl Chloride)(PVC) Compounds and Chlorinated Poly (Vinyl Chloride)(CPVC) Compounds |