

ICC-ES Report

PMG-1275

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Reissued 08/2018
This report is subject to renewal 08/2019

EVALUATION SUBJECT:

DUROCK™ SHOWER SYSTEM

DIVISION:

22 00 00—PLUMBING

SECTION:

22 40 00—PLUMBING FIXTURES (SHOWER SYSTEM KIT)

Report Holder:

USG CORPORATION

Look for the ICC-ES marks of Conformity!



ICC-ES PMG Product Certificate

PMG-1275

Effective Date: August 2018

This listing is subject to re-examination in one year.



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A Subsidiary of the International Code Council®

CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 40 00—Plumbing Fixtures (Shower System Kit)

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: DUROCK™ Shower System

Listee: USG Corporation
550 West Adams Street
Chicago, Illinois 60661
www.durockshowersystem.com

Compliance with the following codes:

2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)
2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)
2018, 2015, 2012 and 2009 *International Building Code*® (IBC)
2018, 2015, 2012 and 2009 *Uniform Plumbing Code*® (UPC)*
2015, 2010 and 2005 *National Plumbing Code of Canada*® (NPC)**

**Uniform Plumbing Code* is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

** *National Plumbing Code of Canada* is a copyrighted publication of National Research Council Canada

Compliance with the following standards:

ANSI A118.10-2014, Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installations
ASME A112.6.3-2016, Floor and Trench Drains
ASME A112.18.2/CSA B125.2-2015, Plumbing Waste Fittings
CSA B79-2008 (R13), Commercial and Residential Drains and Cleanouts
IAPMO IGC 195-2013a, Shower Drains with Integrated Bonding Flanges
IAPMO PS 106-2015^{e1}, Tileable Shower Receptors and Shower Kits

Identification:

Packaging label for each system shall include the manufacturer's name or trademark as well as the ICC-ES PMG certification mark.

Installation:

The DUROCK™ Shower Systems shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).

Shower system components shall be assembled and can be customized in the field. All shower bases and panels can be cut to size with hand saws or circular saws. Round curvy cuts can be made with a hand saw or jig saw.

When provided, drains have shown to comply with the applicable requirements of ASME A112.18.2/CSA B125.2, ASME A112.6.3, IAPMO IGC 195, and CSA B79. The pre-sloped tray may be used in lieu of ANSI Z124.1.2 plastic shower receptors or any liner based shower installations. The drain units do not require weep holes.

Models:

The DUROCK™ Shower System may include the following components: pre-sloped trays, tile-backing panels, shower ramps, curbs, benches, niches, waterproofing membrane, waterproofing band, preformed corners, drain body and grate assembly. System assembly and components were proven to be waterproof, water-resistant, and mold resistant when tested in accordance with ANSI A118.10.

DUROCK™ Ultralight Foam Tile Backerboards comply with the requirements of IAPMO PS106. DUROCK™ Ultralight Foam Tile Backerboards have a water vapor permeance rating of <0.1 perms for ½" or thicker when tested in accordance with ASMT E96 Procedure E (desiccant method at 100°F and 90% RH). They meet the permeance rating requirement of 0.5 perm or less and can be used in steam shower/room without additional vapor retarders in accordance with Tile Council of North America (TCNA) 2014 Handbook for Ceramic Glass and Stone Tile Installation (SR613-14 and SR614-14). The extruded polystyrene core of the backboard has a flame-spread index of 10 or less and smoke-developed index of 250 or less when tested in accordance with ASTM E84. No thermal barrier or ignition barrier is required when DUROCK™ UltraLight Foam Tile Backboards are covered with grouted ceramic tile. DUROCK™ UltraLight Foam Tile Backboards covered with grouted 4" X 4" ceramic tile pass the full-scale room corner test conducted in accordance with NFPA 286 at 2 inch (51 mm) thickness and are in compliance with the 2015 IBC Section 803.2.1 and Section 2603.10. No washers are required for installation.

DUROCK™ Waterproofing Membrane conforms to ANSI A118.10 as a load bearing, bonded, waterproof membrane. DUROCK™ Waterproofing Membrane has a water vapor permeance rating of 0.06 perm when tested in accordance with ASTM E96 Procedure E (desiccant method at 100°F and 90% RH). It meets the permeance rating requirement of 0.5 perm or less and can be used in steam shower/room as vapor retarder in accordance with Tile Council of North America (TCNA) 2014 Handbook for Ceramic Glass and Stone Tile Installation (SR613-14 and SR614-14).

DUROCK™ Pre-sloped Shower Trays and Shower Ramps have a flame-spread index of 0 and a smoke-developed index of 25 or less when tested in accordance with ASTM E84. The trays and ramps are in compliance with IAPMO PS106.

DUROCK™ Ultralight Foam Tile Backerboard, ¼", ½", 5/8", 1", 1-1/2", and 2" thick

DUROCK™ Pre-Sloped 48" x 48" Shower pan center drain and DUROCK™ 48" x 48" Shower Kit
 DUROCK™ Pre-Sloped 32" x 60" Shower pan Center drain and DUROCK™ 32" x 60" Center Shower Kit
 DUROCK™ Pre-Sloped 32" x 60" Shower pan Offset drain and DUROCK™ 32" x 60" Offset Shower Kit

USG DUROCK™ Brand Infinity Drain® Shower Floor 36" x 60"
 USG DUROCK™ Brand Infinity Drain® Shower Floor 48" x 60"
 USG DUROCK™ Brand Infinity Drain® Shower Floor 66" x 60"

xxxx-custom shower pan (32"x32" or 1,024 sq in to 9,216 sq in)

DUROCK™ 12"x60" Pre-Sloped Shower Ramp
 DUROCK™ 12"x48" Pre-Sloped Shower Ramp

DUROCK™ drain assembly ABS with 4" x 4" Professional Grade -xx
 DUROCK™ drain assembly PVC with 4" x 4" Professional Grade -xx
 DUROCK™ drain assembly ABS with 5" x 5" Professional Grade -xx
 DUROCK™ drain assembly PVC with 5" x 5" Professional Grade -xx

-xx finish: Chrome, Brushed Nickel, Polished Nickel, Polished Gold, Antique Copper, Oil Rubbed Bronze, Black Chrome or Pewter.

DUROCK™ drain assembly ABS with 4"x4" Designer Grate-yy-xx
 DUROCK™ drain assembly PVC with 4"x4" Designer Grate- yy-xx
 DUROCK™ drain assembly ABS with 5"x5" Designer Grate- yy-xx
 DUROCK™ drain assembly PVC with 5"x5" Designer Grate- yy-xx

-yy design: Lattice, Parallel, Santa Fe, Splash, Surf, Whirl
 -xx finish: polished stainless steel, rubbed stainless steel

USG Durock™ Brand Infinity Drain® Shower System 24"-xx-yy
 USG Durock™ Brand Infinity Drain® Shower System 30"-xx-yy
 USG Durock™ Brand Infinity Drain® Shower System 36"-xx-yy
 USG Durock™ Brand Infinity Drain® Shower System 42"-xx-yy
 USG Durock™ Brand Infinity Drain® Shower System 48"-xx-yy
 USG Durock™ Brand Infinity Drain® Shower System 60"-xx-yy

xx- perforated, wedge wire, tile insert frame
 yy- satin stainless, polished stainless, satin bronze, oil rubbed bronze

Conditions of Listing:

1. The DUROCK™ Shower System shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).
2. The DUROCK™ Shower System is under a quality control program with annual surveillance inspections by ICC-ES.