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ICC-ES Report

PMG-1375

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Issued 06/2016
This report is subject to renewal 06/2017

EVALUATION SUBJECT:

EBBE LINEAR SHOWER DRAINS, CENTER FLOOR SHOWER DRAINS AND ADAPTERS

DIVISION:

22 00 00—PLUMBING

SECTION:

22 40 00—PLUMBING FIXTURES

Report Holder:

EBBE AMERICA LLC

F-6 FREEPORT WEST
CLEARFIELD, UT 84016



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ICC-ES PMG Listing**PMG-1375**

Effective Date: June 2016

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

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CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 40 00—Plumbing Fixtures

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: EBBE Linear Shower Drains, Center Floor Shower Drains and adapters

Listee: EBBE America LLC
F-6 Freeport West
Clearfield, Utah 84016
www.ebbe-america.com

Compliance with the following codes:

2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
2015, 2012, 2009 and 2006 *International Plumbing Code*® (IPC)
2015, 2012, 2009 and 2006 *Uniform Plumbing Code*® (UPC)*
2015 and 2010 *National Plumbing Code of Canada*® (NPC)**

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Compliance with the following standards:

ASME A112.18.2/CSA B125.2-2015, Plumbing Waste Fittings
ICC-ES LC1022-2010, PMG Listing Criteria for Rectangular Shower Drains
IAPMO IGC 195-2013a, Shower Drains with Integrated Bonding Flanges

Identification:

Each EBBE Linear Shower Drain, Bond Flange Drain, and Drain Adapter described in this listing must be identified by a label bearing the manufacturer's name, model number, and the ICC-ES PMG listing mark.

Installation:

EBBE Linear Shower Drain, Bond Flange Drain, Clamp Collar Drain, Drain Riser, Drain Grates and Drain Adapters are suitable for use with tile showers. The clamping ring or waterproofing membrane and the connection to the drain line must be installed in accordance with the manufacturer's published instructions and the applicable codes.

Ceramic tile, if used, must comply with ANSI A137.1.

Waterproofing membrane, if used, must comply with the applicable code or ANSI A118.10 and must be fastened to the top surface of the drain with an adhesive. This is attached at the jobsite.

Clamping Ring, if used, must comply with the applicable code or ASME A112.18.2/CSA B125.2 and must be installed in accordance with manufacturer's installation instructions.

Models:

The EBBE E6100 Linear Shower Drain.

Channels are fabricated from ABS and contain a constant bond profile on outer surfaces. Each has a flat bottom outer surface with a sloped inner channel to the waste pipe. Channels are cut to custom length as needed at the jobsite. E6103-01 LT and E6103-02 RT End Sweep terminations are always ABS bonded to respective main channel ends.

Lettered Transition Ramps are ABS bonded into End Sweeps to create maintainable flow channels with smooth transitions. A Clean-out Access Panel is secured to the drain body and can be adjusted in height to match the finished surface height.

The E6100 Drain Kits must contain the following components:

- E6101 Linear Drain Channel (available in 73" lengths sight-sizeable from 20" to 73" including End Sweeps)
- E6103 -01 (LT) and E6103-02 (RT) End Sweeps
- E6109 Lettered Transition Ramp Kit
- E6117 Triangle Clean-out Access Panel

The E6100 Drain Kits may contain the following components:

- E6108 Offset Drain Adapter (with clamp plate and 3 screws)

The E4026 EBBE Bond Flange Drain

The EBBE Bond Flange Drain is fabricated from ABS. Requires on-site bonding of E4026-02 ABS Bushing to be used as 2" primary drain. Contains a flat bottom outer surface with weep channels and an internal slope to waste pipe. This drain may be used as a primary drain or can be used without bushing to be compatible with other manufacturer's drains. Requires the use of a sealant.

The E4026 EBBE Bond Flange Drain Kit contains the following components:

- E4026-01 Bond Flange.
- E4026-02 2" ABS Pipe Bushing
- E4400 Drain Riser
- E102 Debris Trap

The EBBE E208 Hot Mop Drain Adapter Kit

This drain adapter can be used to be compatible with other manufacturer's cast iron drains.

The EBBE E208 Hot Mop Drain Adapter Kit contains the following components:

- E208-01 Hot Mop Adapter Plate fits 3 bolt cast iron drains.
- E208-02 Weep protector collar
- E4400 Drain Riser
- E102 Debris Trap

The EBBE E4022 (ABS) 3 piece Shower Drain

E4022-01 ABS Drain Body

E4400 Drain Riser

E102 Hair Trap

The EBBE E4023 (PVC) 3 piece Shower Drain

E4022-01 PVC Drain Body
E4400 Drain Riser
E102 Debris Trap

The EBBE E4400 Drain Riser

The EBBE Drain Riser is fabricated from one piece of ABS.

The EBBE E4400 Drain Riser Kit contains the following components:

- E4400 Drain Riser
- E4400-04 Construction Plug
- E102 Debris Trap

The EBBE E4401 thru E4410 Drain Grates (Strainers)

Grates are of composite construction. These are sized to make a friction fit with E4400 Drain Risers and are supported along recessed perimeter ledges. A load carrying structural polymer core is wrapped with a stainless steel cladding. Various PVD coatings applied to the claddings to give decorative variety. A threaded extractor tool is provided to remove.

Conditions of Listing:

1. Shower floors must be sloped toward the drain.
2. Where each shower space is not provided with an individual waste outlet, the waste outlet must be located and the floor pitched so that waste from one shower does not flow over the floor area serving another shower.
3. Application is limited to ceramic tile, decorative concrete, granite slab and dimension stone installations on floors, and to use as shower sub-pans or lining.
4. Documentation of the waterproof membrane's conformance with ANSI A118.10 must be supplied to the code official when requested, or the membrane must have a current listing by ICC-ES.
5. Documentation of the clamping ring's conformance with ASME A112.18.2/CSA B125.2 must be supplied to the code official when requested, or the clamping ring must have a current listing by ICC-ES.
6. Where installation is below the floor decking, the drain can be oriented parallel or perpendicular to any floor joists. Cutting or notching must be in accordance with the applicable code.
7. The EBBE Shower Drains are manufactured in Clearfield, Utah under a quality control program with one inspection per year by ICC-ES.