



Effective Date: September 2020

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

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: Low profile linear shower drains

Listee: QD Holdings I, LLC
20600 Emerald Parkway
Cleveland, Ohio 44135

Compliance with the following codes:

2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)
2021, 2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)
2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code*® (UPC)*
2019 and 2016 *California Plumbing Code* (CPC)
2017 *City of Los Angeles Plumbing Code*
2015, 2010 and 2005 *National Plumbing Code of Canada*® **

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Compliance with the following standards:

ICC-ES LC1022 (May 2010) PMG Listing Criteria for Rectangular Shower Drains
ANSI A118.10-2014 (R19), American National Standard Specification for Load-Bearing, Bonded, Waterproof Membrane for Thin-set Ceramic Tile and Dimension Stone Installation
ASME A112.18.2/CSA B125.2-2020, Plumbing Waste Fittings

Identification:

Each box containing the low profile linear shower drain described in this listing must be identified by a stamp bearing the manufacturer's name, the model number, and the ICC-ES PMG listing mark.

Installation:

The low profile linear shower drains are intended for use with tile showers. Both the shower drains and the liner must be installed in accordance with the manufacturer's published instructions and the applicable codes.

Ceramic tile must comply with ANSI A137.1.

Waterproof membrane must comply with the applicable code and ANSI A118.10.

Models:

The low profile linear shower drains are composed of three parts:

- (a) A drain body made of PVC or ABS material
- (b) A removable strainer made of 304 stainless steel
- (c) Clamping collar made of 304 stainless steel

The drain body is a 1-inch-wide (25.4 mm) trough, running the length of the strainer and sloped on the bottom to drain into a vertical waste pipe. The drain's waste pipe has a 2-inch (50.8 mm) inside diameter. Connections to the building drain must be according to the applicable code.

The removable strainer is a fit in type, 1-1/2 inches (38.1 mm) wide that spans the length of the trough. Spaces are provided for height adjustment. Drainage holes are a minimum 1/4 inch wide (6.35 mm) with rounded ends. The strainer material has a minimum thickness of 0.051 inch (1.3 mm). Slots are provided on the strainer sides to allow drainage along the waterproof membrane.

Extending from all four sides of the trough is a 1-inch-wide (25.4 mm) flange to which the membrane is attached. The waterproof membrane is attached to the body in the field with clamping collar. Specific models below:

Model Number	Description
ABS2430S20	24" drain made of ABS, available with either 2" side or vertical outlet
ABS3240S20	32" drain made of ABS, available with either 2" side or vertical outlet
ABS4048S20	40" drain made of ABS, available with either 2" side or vertical outlet
ABS4856S20	48" drain made of ABS, available with either 2" side or vertical outlet
ABS5664S20	56" drain made of ABS, available with either 2" side or vertical outlet
ABS6472S20	64" drain made of ABS, available with either 2" side or vertical outlet
PVC2430D20	24" drain made of PVC, available with either 2" side or vertical outlet
PVC3240D20	32" drain made of PVC, available with either 2" side or vertical outlet
PVC4048D20	40" drain made of PVC, available with either 2" side or vertical outlet
PVC4856D20	48" drain made of PVC, available with either 2" side or vertical outlet
PVC5664D20	56" drain made of PVC, available with either 2" side or vertical outlet
PVC6472D20	64" drain made of PVC, available with either 2" side or vertical outlet
PVC2430D15	24" drain made of PVC, available with either 1.5" side or vertical outlet
PVC3240D15	32" drain made of PVC, available with either 1.5" side or vertical outlet
PVC4048D15	40" drain made of PVC, available with either 1.5" side or vertical outlet
PVC4856D15	48" drain made of PVC, available with either 1.5" side or vertical outlet
PVC5664D15	56" drain made of PVC, available with either 1.5" side or vertical outlet
PVC6472D15	64" drain made of PVC, available with either 1.5" side or vertical outlet

Conditions of Listing:

1. Application is limited to ceramic tile and dimension stone installations on floors, and to use as shower sub-pans or lining.
2. Documentation of the waterproof membrane's conformance with ANSI A118.10 must be supplied to the code official when requested.
3. Where installation is below the floor decking, any cutting or notching must be in conformance with the applicable code.
4. The low profile linear shower drains are under a quality control program with annual inspection by ICC-ES.