



LATICRETE INTERNATIONAL, INC.

91 Amity Road
Bethany, CT 06524-3423
203-393-4600

www.laticrete.com
jconrod@laticrete.com

LATICRETE® HYDRO BAN BONDING FLANGE DRAIN LATICRETE HYDRO BAN LINEAR DRAIN LATICRETE HYDRO BAN DRAIN GRATE

CSI Section:

22 40 00 Plumbing Fixtures

Item Numbers:

9384-6524-BS, 9385-6532-BS, 9386-6536-BS,
9376-6542-BS, 9387-6548-BS, 9388-6560-BS,
9384-6524-PS, 9385-6532-PS, 9386-6536-PS,
9376-6542-PS, 9387-6548-PS, 9388-6560-PS,
9384-6524-ORB, 9385-6532-ORB, 9386-6536-ORB,
9376-6542-ORB, 9387-6548-ORB, 9388-6560-ORB,
9389-6524-TI, 9390-6532-TI, 9391-6536-TI,
9398-6542-TI, 9392-6548-TI, 9393-6560-TI,
9401-6524-BS-SO, 9402-6532-BS-SO,
9403-6536-BS-SO, 9404-6542-BS-SO,
9405-6548-BS-SO, 9406-6560-BS-SO,
9401-6524-PS-SO, 9402-6532-PS-SO,
9403-6536-PS-SO, 9404-6542-PS-SO,
9405-6548-PS-SO, 9406-6560-PS-SO,
9401-6524-ORB-SO, 9402-6532-ORB-SO,
9403-6536-ORB-SO, 9404-6542-ORB-SO,
9405-6548-ORB-SO, 9406-6560-ORB-SO,
9401-6524-TI-SO, 9402-6532-TI-SO, 9403-6536-TI-SO,
9404-6542-TI-SO, 9405-6548-TI-SO, 9406-6560-TI-SO,
9382-0505-BS, 9382-0505-BS-ABS, 9383-0505-PS, 9383-0505-PS-ABS, 9414-0505-ORB,
9414-0505-ORB-ABS, 9380-LTD5-PVC,
9380-LTD5-ABS, 9417-0505-ORB, 9416-0505-PS, 9396-0505-BS, 9397-0505-TI, 9440-WW24-BS, 9440-WW32-BS, 9440-WW36-BS, 9440-WW42-BS, 9440-WW48-BS, 9440-WW60-BS, 9440-WW24-PS, 9440-WW32-PS, 9440-WW36-PS, 9440-WW42-PS, 9440-WW48-PS, 9440-WW60-PS

1.0 RECOGNITION

LATICRETE’s Hydro Ban - Bonding Flange Drains, and Linear Drains recognized in this report has been evaluated for use as floor and shower drains in Types I, II, III, IV and V construction. The strength, durability and flow properties of the Hydro Ban - Bonding Flange Drains, and Linear Drains have been evaluated and comply with the intent of the provisions of the following codes and regulations:

- 2012 Uniform Plumbing Code® (UPC)
- 2012 International Building Code® (IBC)
- 2012 International Plumbing Code® (IPC)
- 2012 International Residential Code® (IRC)

2.0 LIMITATIONS

Use of the Hydro Ban - Bonding Flange Drains, and Linear Drains recognized in this report is subject to the following limitations:

2.1 LATICRETE’s Hydro Ban Drains recognized in this report are limited to ceramic tile and dimensioned stone installations on the floors with a minimum of ¼ inch per foot slope to the drain.

2.2 The bottom of all drains shall be adequately supported in accordance with the manufacturer’s installation instructions.

2.3 Connections to the plumbing system shall be in accordance with the UPC or IPC.

2.4 Shower enclosure shall comply with requirements of the UPC or IPC.

3.0 PRODUCT USE

3.1 General: LATICRETE’s Hydro Ban - Bonding Flange Drains, and Linear Drains, comply with UPC Sections 408 and 418, and IPC Sections 412, 417 and 424 and are used as floor and shower drains in Types I, II, III, IV and V construction under the IBC and any construction under the IRC. These low-profile floor drains are specifically designed for bonded waterproofing installations with LATICRETE Hydro Ban waterproofing membrane (recognized as conforming to ANSI A118.10 by IAPMO R&T File 3524).

The LATICRETE HYDRO BAN linear drains may also be used with the LATICRETE HYDRO BAN Linear Pre-Sloped Shower Pans. The LATICRETE HYDRO BAN Drain Grates may be used with the LATICRETE HYDRO BAN Pre-Sloped Shower Pans and clamping ring styled drains. The drains and pans are all outside the scope of this report. The shower pans are recognized in ER-269.

3.2 Installation: Installation of LATICRETE’s Hydro Ban drains shall be in accordance with this report; the manufacturer’s published installation instructions, IAPMO IGC195, TCNA B422, and the applicable requirements in the UPC or IPC. In the event of a conflict between this report and the installation instructions, the more restrictive shall govern. The manufacturer’s published installation instructions shall be available on the job site if requested by the code official.

The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.





4.0 PRODUCT DESCRIPTION

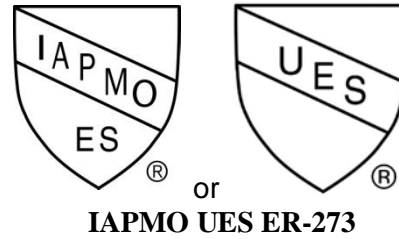
4.1 LATICRETE® Hydro Ban Bonding Flange Drains: LATICRETE Hydro Ban Bonding Flange Drains are low profile floor drains specifically designed for bonded waterproofing installations with LATICRETE Hydro Ban waterproofing membrane. The drain and bonding flange are constructed of ABS or PVC and the grate is stainless steel. The drain attaches to 2 inch, 3 inch, or 4 inch diameter waste lines.

4.2 LATICRETE® Hydro Ban Linear Drain: LATICRETE Hydro Ban Linear Drain is a low-profile linear floor drain consisting of a trough and removable grate specifically designed for bonded waterproofing installations with LATICRETE Hydro Ban waterproofing membrane, or with a LATICRETE HYDRO BAN Linear Pre-Sloped Shower Pan. The drains allow a single plane slope to the drain. Both the drain base and the grate are manufactured from No. 16 gage stainless steel. Lengths include 24 inches, 32 inches, 36 inches, 42 inches, 48 inches and 60 inches.

5.0 IDENTIFICATION

A label shall be affixed on at least one of the following: product, packaging, installation instructions or descriptive literature. The label shall include the company name or trademark, model number, and the IAPMO Uniform ES Mark of Conformity and the Evaluation Report Number (ER-273) to identify the products recognized in this report. A die-stamp label may also substitute for the label. Either Mark of Conformity may be used as shown below:

1. PS – suffix indicates Polished stainless steel grate finish.
2. BS– suffix indicates brushed stainless steel grate finish.
3. ORB - suffix indicates Oil Rubbed Bronze stainless steel grate finish.
4. TI - suffix indicates a Tiled-In grate.
5. SO - suffix indicates a side outlet linear drain.
6. ABS - suffix indicates an acrylonitrile butadiene styrene bonding flange
7. PVC - suffix indicates polyvinyl chloride bonding flange.
8. WW – suffix indicates a Wedge Wire.



6.0 SUBSTANTIATING DATA

6.1 Report of testing in accordance with applicable sections of with ASME A112.18.2- 2011 / CSA B125.2-11 by CSA International, Report #2612565, dated March 19, 2013; and CSA International Certificate of Compliance #2508390, dated April 25, 2016.

6.2 IAPMO Research and Testing Listing File #3524 on LATICRETE Hydro Ban Waterproofing Membrane as conforming to ANSI A118.10.

6.3 IAPMO Research and Testing Listing File #3439 on Watts FD-100 drain which is recognized as satisfying ASME A112.6.3.

6.4 Test reports are from laboratories in compliance with ISO/IEC 17025.

7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research carried out by IAPMO Uniform Evaluation Service on LATICRETE’s Hydro Ban - Bonding Flange Drains, and Linear Drains to assess conformance to the codes shown in Section 1.0 of this report and serves as documentation of the product certification.

Brian Gerber, P.E., S.E.
Vice President, Technical Operations
Uniform Evaluation Service

Richard Beck, PE, CBO, MCP
Vice President, Uniform Evaluation Service

GP Russ Chaney
CEO, The IAPMO Group

For additional information about this evaluation report please visit www.uniform-es.org or email us at info@uniform-es.org



EVALUATION REPORT

Number:

273

Originally Issued: 09/26/2012

Revised: 09/30/2020

Valid Through: 09/30/2021

DESCRIPTION	LATICRETE ITEM #
Hydro Ban Linear Drain Brushed Steel	
24" Brushed Stainless Steel	9384-6524-BS
32" Brushed Stainless Steel	9385-6532-BS
36" Brushed Stainless Steel	9386-6536-BS
42" Brushed Stainless Steel	9376-6542-BS
48" Brushed Stainless Steel	9387-6548-BS
60" Brushed Stainless Steel	9388-6560-BS
Hydro Ban Linear Drain Polished Steel	
24" Polished Stainless Steel	9384-6524-PS
32" Polished Stainless Steel	9385-6532-PS
36" Polished Stainless Steel	9386-6536-PS
42" Polished Stainless Steel	9376-6542-PS
48" Polished Stainless Steel	9387-6548-PS
60" Polished Stainless Steel	9388-6560-PS
Hydro Ban Linear Drain Oil Rubbed Bronze	
24" Oil Rubbed Bronze	9384-6524-ORB
32" Oil Rubbed Bronze	9385-6532-ORB
36" Oil Rubbed Bronze	9386-6536-ORB
42" Oil Rubbed Bronze	9376-6542-ORB
48" Oil Rubbed Bronze	9387-6548-ORB
60" Oil Rubbed Bronze	9388-6560-ORB
Hydro Ban Linear Drain Wedge Wire	
24" Brushed Stainless Steel	9440-WW24-BS
32" Brushed Stainless Steel	9440-WW32-BS
36" Brushed Stainless Steel	9440-WW36-BS
42" Brushed Stainless Steel	9440-WW42-BS
48" Brushed Stainless Steel	9440-WW48-BS
60" Brushed Stainless Steel	9440-WW60-BS
Hydro Ban Linear Drain Wedge Wire	
24" Polished Stainless Steel	9440-WW24-PS
32" Polished Stainless Steel	9440-WW32-PS
36" Polished Stainless Steel	9440-WW36-PS
42" Polished Stainless Steel	9440-WW42-PS
48" Polished Stainless Steel	9440-WW48-PS
60" Polished Stainless Steel	9440-WW60-PS
Hydro Ban Linear Tile-In Drain	
24" Tile-In Drain	9389-6524-TI
32" Tile-In Drain	9390-6532-TI
36" Tile-In Drain	9391-6536-TI
42" Tile-In Drain	9398-6542-TI
48" Tile-In Drain	9392-6548-TI
60" Tile-In Drain	9393-6560-TI
Hydro Ban Linear Drain Brushed Steel Side Outlet	
24" Brushed Steel Side Outlet	9401-6524-BS-SO
32" Brushed Steel Side Outlet	9402-6532-BS-SO
36" Brushed Steel Side Outlet	9403-6536-BS-SO



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42" Brushed Steel Side Outlet	9404-6542-BS-SO
48" Brushed Steel Side Outlet	9405-6548-BS-SO
60" Brushed Steel Side Outlet	9406-6560-BS-SO
Hydro Ban Linear Drain Polished Steel Side Outlet	
24" Polished Steel Side Outlet	9401-6524-PS-SO
32" Polished Steel Side Outlet	9402-6532-PS-SO
36" Polished Steel Side Outlet	9403-6536-PS-SO
42" Polished Steel Side Outlet	9404-6542-PS-SO
48" Polished Steel Side Outlet	9405-6548-PS-SO
60" Polished Steel Side Outlet	9406-6560-PS-SO

Hydro Ban Linear Drain Oil Rubbed Bronze Side Outlet	
24" Oil Rubbed Bronze Side Outlet	9401-6524-ORB-SO
32" Oil Rubbed Bronze Side Outlet	9402-6532-ORB-SO
36" Oil Rubbed Bronze Side Outlet	9403-6536-ORB-SO
42" Oil Rubbed Bronze Side Outlet	9404-6542-ORB-SO
48" Oil Rubbed Bronze Side Outlet	9405-6548-ORB-SO
60" Oil Rubbed Bronze Side Outlet	9406-6560-ORB-SO
Hydro Ban Linear Drain Tile-In Grate Side Outlet	
24" Tile-In Grate Side Outlet	9401-6524-TI-SO
32" Tile-In Grate Side Outlet	9402-6532-TI-SO
36" Tile-In Grate Side Outlet	9403-6536-TI-SO
42" Tile-In Grate Side Outlet	9404-6542-TI-SO
48" Tile-In Grate Side Outlet	9405-6548-TI-SO
60" Tile-In Grate Side Outlet	9406-6560-TI-SO
Hydro Ban Bonding Flange Drains	
5"x5" Brushed Stainless Steel Grate, PVC Bonded Flange Drain Body	9382-0505-BS
5"x5" Brushed Stainless Steel Grate, ABS Bonded Flange Drain Body	9382-0505-BS-ABS
5"x5" Polished Stainless Steel Grate, PVC Bonded Flange Drain Body	9383-0505-PS
5"x5" Polished Stainless Steel Grate, ABS Bonded Flange Drain Body	9383-0505-PS-ABS
5"x5" Oil Rubbed Bronze Grate, PVC Bonded Flange Drain Body	9414-0505-ORB
5"x5" Oil Rubbed Bronze Grate, ABS Bonded Flange Drain Body	9414-0505-ORB-ABS
5"x5" Tile-In Drain, PVC Bonded Flange Drain Body	9380-LTD5-PVC
5"x5" Tile-In Drain, ABS Bonded Flange Drain Body	9380-LTD5-ABS
Hydro Ban Drain Grate	
5"x5" Oil Rubbed Bronze Strainer- 2" Throat	9417-0505-ORB
5"x5" Polished Stainless Steel Strainer- 2" Throat	9416-0505-PS
5"x5" Brushed Stainless Steel Strainer - 2" Throat	9396-0505-BS
5"x5" Tile Drain Grate- 2" Throat	9397-0505-TI