



HYDRO BAN® Adhesive & Sealant

DS-108.0-1017

**Globally Proven
Construction Solutions**

1. PRODUCT NAME

HYDRO BAN® Adhesive & Sealant

2. MANUFACTURER

LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 235
Toll Free: 1.800.243.4788, ext. 235
Fax: +1.203.393.1684
Internet: www.laticrete.com

3. PRODUCT DESCRIPTION

HYDRO BAN Adhesive & Sealant is a one component, fast curing, hybrid elastomeric adhesive and sealant. This product is specifically formulated to meet today's Green Building Standards and has excellent adhesion on a wide variety of substrates. For use with HYDRO BAN Pre-Sloped Shower Pan, HYDRO BAN Preformed Seat, HYDRO BAN Board, HYDRO BAN Preformed Niche, HYDRO BAN Pre-Sloped Ramp, HYDRO BAN Preformed Curb and HYDRO BAN Preformed Curb Overlay.

Uses

For use as an adhesive and sealant

- Fasten backer board to HYDRO BAN Pre-Sloped Shower Pan
- Fasten HYDRO BAN Performed Niche to wall studs and backer board
- Fasten HYDRO BAN Performed Curb to shower pan
- For use with HYDRO BAN Board to join and cover seams, coves and corners and cover screw and tab washer penetrations.

Advantages

- Excellent adhesion on nearly ALL substrates including polystyrene
- Fast cure
- Excellent durability
- Superior flexibility
- Will NOT shrink or crack
- NO harmful components
- VOC compliant
- Contains no solvents or isocyanates
- Allow for flood testing in 2 hours at 70°F (21°C) or higher and 50% RH

Suitable Substrates

- Expanded polystyrene
- Extruded polystyrene
- Cement backer board

- Polystyrene backer board

Color

Off White

Packaging

- 10.3 oz (305 ml) tubes, 6 tubes per carton
- 20 fl. oz. (592 ml) sausage pack, 20 per carton

Approximate Coverage

- Coverage will vary depending upon joint size and width
- Approximately 25 lineal feet (7.62 m) per tube at 1/4" x 1/4" (6 x 6 mm) joint width
- Approximately 49 lineal feet (14.9 m) per sausage pack at 1/4" x 1/4" (6x6 mm) joint width.

Shelf Life

Factory Sealed containers of this product are guaranteed to be of first quality for 12 months if stored in dry area at temperature between 35°F–80°F (2°C – 27°C).

Limitations

- For interior use only.
- For use as an adhesive and sealant with the HYDRO BAN Board, HYDRO BAN Pre-Sloped Shower Pan, HYDRO BAN Preformed Curb, HYDRO BAN Preformed Niche and HYDRO BAN Preformed Seat.
- Not for joint applications where physical abuse or abrasion is likely.
- Not a structural glazing adhesive.
- Bead width should not exceed 1/2" (12.77 mm) thickness and no thinner than 1/8" (3.2 mm).
- Not for use in steam rooms or steam showers. Use HYDRO BAN Sheet Membrane when treating seams and penetrations for steam room or steam shower applications.

Cautions

- Protect finished work from traffic until fully cured.
- Uncured sealant may irritate eyes if contact is made. Avoid contact with sealant until cured.
- KEEP OUT OF REACH OF CHILDREN
- If contact of uncured sealant is made on skin, wash with soap and water immediately.
- Check with SDS sheet for further cautions.

4. TECHNICAL DATA

Physical Properties

Service Temperature Range	32°F (0°C) to 120°F (49°C)
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Application Temperature Range	35°F - 80°F (2°C - 27°C)
Open Time	20–30 minutes
Set Time	2 hours
Full Cure	40 hours
Clean Up	Soapy water
Mildew Resistance	Good
Consistency	Non-sag

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Preparation

- Clean all joints and surfaces to receive HYDRO BAN® Adhesive & Sealant, removing all foreign matter and contaminants such as grease, oil, dust, water, and surface dirt.
- Allow surface to be sealed or bonded to dry thoroughly prior to the HYDRO BAN Adhesive & Sealant application.

Instructions

- When ready to apply HYDRO BAN Adhesive & Sealant from a 10.3 oz. (305 mL) tube, cut the end off of the tube prior to screwing on the nozzle.
- When using a 10.3 oz. (305 mL) tube use a suitably sized caulking gun.
- Cut nozzle if required, at angle to desired bead size.
- Push HYDRO BAN Adhesive & Sealant ahead for uniform bead. Section thickness should be limited to 1/4" to 1/2" (12.7 mm) or less.
- When joining parts together that you are assembling, if the HYDRO BAN Adhesive & Sealant oozes out between parts, tool adhesive to desired thickness immediately before skin forms.
- Tool sealant to desired thickness, (typically 1/16" to 1/8" (1.5 to 3 mm) immediately before skin forms.
- Skin time approximately 20 minutes. Tack free in about 40 minutes. Normal curing 40 hours.
- When treating a seam in Hydro BAN Board, apply a bead of HYDRO BAN Adhesive & Sealant 1/4" to 1/2" (6-12.7 mm) over the seam. Tool sealant to desired thickness, typically 1/16" to 1/8" (1.5 to 3 mm) before a skin forms. The HYDRO BAN Adhesive & Sealant should uniformly cover the seam and extend approximately 2" (50 mm) on either side.
- When applying over a screw or screw and tab washers combination, place a dab over the penetration to completely cover the screw or screw and tab washers combination and tool sealant to the desired thickness (typically 1/16" to 1/8" (1.5 to 3.3 mm) immediately before skin forms.
- Length of time for full cure depends upon thickness of application and other factors including temperature and humidity.

Flood Testing

Allow for flood testing in 2 hours at 70°F (21°C) and 50% RH or higher before flood testing. Cold and /or dry conditions will require a longer curing time.

Time to Tile

Tile application can occur after the HYDRO BAN® Adhesive & Sealant is tack dry, usually 40 minutes depending on temperature and relative humidity.

6. AVAILABILITY AND COST

LATICRETE® and LATAPOXY® materials are available worldwide.

For Distributor Information:

Toll Free: 1.800.243.4788
 Telephone: +1.203.393.0010
 Internet: www.laticrete.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

DS230.13: LATICRETE Product Warranty (United States and Canada)

A component of:

DS 025.0APD: LATICRETE 25 Year Tile & Stone System Warranty (United States and Canada)

DS 230.99: LATICRETE Lifetime Tile & Stone System Warranty (United States and Canada)

8. MAINTENANCE

Joints should be cleaned regularly with common cleaners on a regular basis.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling:

Toll Free: 1.800.243.4788, ext. 235
 Telephone: +1.203.393.0010, ext. 235
 Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at

www.laticrete.com. The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty (United States and Canada)

DS 025.0APD: LATICRETE 25 Year Tile & Stone System Warranty (United States and Canada)

DS 230.99: LATICRETE Lifetime Tile & Stone System Warranty (United States and Canada)

DS 031.0: HYDRO BAN Pre-Sloped Shower Pan
 DS 040.0: HYDRO BAN Board

DS 032.0: HYDRO BAN Preformed Seat

DS 033.0: HYDRO BAN Preformed Niche

DS 063.0: HYDRO BAN Pre-Sloped Ramp

DS 064.0: HYDRO BAN Preformed Curb

DS 065.0: HYDRO BAN Preformed Curb Overlay

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