



HYDRO BAN® Adhesive & Sealant

DS-108-0425

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

HYDRO BAN® Adhesive & Sealant

2. MANUFACTURER

LATICRETE International, Inc.
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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
- Low VOC
- Contains no isocyanates
- Allow for flood testing in 2 hours at 70°F (21°C) or higher and 50% RH

Suitable Substrates

- Exposed Aggregate Concrete
- Extruded Polystyrene
- Cement Backer Board
- Polystyrene Backer Board

Packaging

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

Color

Off White

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 18 months. Store unopened in cool dry conditions. Once opened or punctured, contents will harden.

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 causes serious eye irritation 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.
- WARNING: Causes serious eye irritation. May cause an allergic skin reaction. May cause cancer. Causes damage to organs through prolonged or repeated exposure. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, and eye protection. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice. Get medical advice if you feel unwell. Store locked up. Dispose of contents/container in accordance with local, regional, national, and international regulations.

4. TECHNICAL DATA

Physical Properties

Service Temperature Range	32°F (0°C) to 120°F (49°C)
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
VOC	18g/L

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

Availability

LATICRETE materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at

laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

- 25 Year System Warranty (US) (English)
- 1 Year Product Warranty (US) (English)
- LATICRETE Lifetime System Warranty (US) (English)

8. MAINTENANCE

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

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE

Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 1235

Telephone: +1.203.393.0010, ext. 1235

Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

Additional product information is available on our website at laticrete.com. The following is a list of related documents:

- DS230.13: 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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