1. PRODUCT NAME
HYDRO BAN® Adhesive & Sealant

2. MANUFACTURER
LATICRETE International, Inc.
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Website: 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

Advantages
• Excellent adhesion on nearly ALL substrates including polystyrene
• Fast cure
• Excellent durability
• Superior flexibility
• Will NOT shrink or crack
• Low VOC
• 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

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 ¼” x ¼” (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 causes 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Temperature Range</td>
<td>32°F (0°C) to 120°F (49°C)</td>
</tr>
<tr>
<td>Application Temperature Range</td>
<td>35°F - 80°F (2°C - 27°C)</td>
</tr>
<tr>
<td>Open Time</td>
<td>20–30 minutes</td>
</tr>
<tr>
<td>Set Time</td>
<td>2 hours</td>
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<tr>
<td>Full Cure</td>
<td>40 hours</td>
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<tr>
<td>Clean Up</td>
<td>Soapy water</td>
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<tr>
<td>Mildew Resistance</td>
<td>Good</td>
</tr>
<tr>
<td>Consistency</td>
<td>Non-sag</td>
</tr>
<tr>
<td>VOC</td>
<td>18g/L</td>
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</tbody>
</table>

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.

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 desire 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 ¼” to ½” (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:
- DS.025.0: 25 Year System Warranty
- DS.230.13: 1 Year Product Warranty
- DS.230.99: LATICRETE Lifetime 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 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