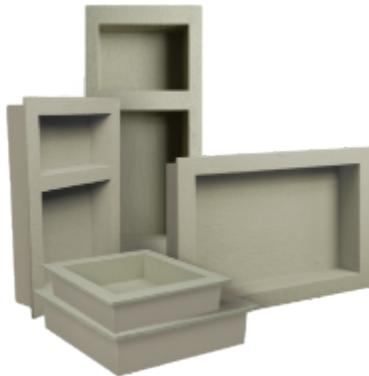




HYDRO BAN® Preformed Niche

DS-33-0924

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

HYDRO BAN® Preformed Niche

2. MANUFACTURER

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

Telephone: +1.203.393.0010, ext. 1235
Toll Free: 1.800.243.4788, ext. 1235
Fax: +1.203.393.1684
Website: laticrete.com

3. PRODUCT DESCRIPTION

HYDRO BAN Preformed Niche is a component of the expanded HYDRO BAN line of waterproofing products that allow for high quality rapid shower installations. HYDRO BAN Preformed Niche is constructed of lightweight high-density expanded polystyrene with a waterproof finish and is ready to tile.

Uses

- Interior and exterior use
- Shower stalls and tub surrounds
- Industrial, commercial and residential
- Decorative applications on walls

Advantages

- Lightweight and durable. Easy to transport, handle and adjust during installation
- Ready to tile
- Multiple design options and sizes available adding utility and value to the shower installation

- Factory installed, code approved waterproofing meets ANSI A118.10 requirements
- Component of LATICRETE® Lifetime Tile & Stone System Warranty[®] single source responsibility
- Works in conjunction tile and stone installation materials

Suitable Substrates

- Wood or Metal Studded Walls

Packaging

HYDRO BAN Preformed Niche models:
12"x12" (30 cm x 30 cm) Square
12" x 12" & 12" x 6" (30 cm x 30 cm & 30 cm x 15 cm) Wide Combo
8" x 12" & 8" x 6" (20 cm x 30 cm & 20 cm x 15 cm) Narrow Combo
12" x 20" (30 cm x 51 cm) Mega
8" x 8" (20 cm x 20 cm) Soap

Limitations

- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use HYDRO BAN.
- Do not expose to rubber solvents or ketones.
- Must be covered with ceramic tile, stone, finish
- Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes.

Cautions

- Consult MSDS for more safety information.
- During cold weather, protect finished work until fully cured.
- For white and light-colored marbles, use a white Latex Portland Cement Thin Set Mortar.
- For green and moisture sensitive marble, agglomerates and resin backed tile and stone use LATAPOXY[®] 300 Adhesive (refer to DS 633.0).
- If the waterproof coating on the HYDRO BAN Preformed Niche is punctured during installation or from job site construction activity re-coat the punctured area and 2" (50 mm) around the area with

two coats of HYDRO BAN, follow DS 663.0 and DS 663.5 for full instructions.

4. TECHNICAL DATA

Applicable Standard

- Waterproofing membrane meets ANSI A118.10.

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

- **Materials:** Saw or utility knife for cutting substrate layer out of niche location. HYDRO BAN Adhesive & Sealant or HYDRO BAN and Waterproofing Anti-Fracture Fabric.

Installation to Existing 2" x 4" (50mm x 100mm) Wall (Two Layers of Wall Board)

- See Detail ES-W244N Double Panel
- Determine desired height of niche and draw level line on
- substrate layer.
- Place HYDRO BAN® Preformed Niche with the bottom flange of the niche centered on the level line.
- Trace exterior flanges.
- Cut along line and remove top substrate layer. If accessible, install 2" x 4" (50mm x 100mm) horizontal cross bracing to support HYDRO BAN Preformed Niche. See Dimensional Drawings for specific niche sizes to determine cross bracing location.
- Use HYDRO BAN Adhesive & Sealant to adhere HYDRO BAN Preformed Niche to studs.
- Seal joints between HYDRO BAN Preformed Niche and backer board using HYDRO BAN, if the seam is greater than 1/8" (3mm) then Waterproofing/Anti-fracture Fabric will need to be used with the HYDRO BAN. Alternatively apply fiberglass tape to seam between HYDRO BAN Preformed Niche and backer board and cover with polymer fortified thin-set in the same manner as seams in backer board.
- Install tile according to Tile Council of North America (TCNA) guidelines and LATICRETE® installation instructions using 254 Platinum or 255 MULTIMAX™.

INSTALLATION IN NEW CONSTRUCTION

- See ES-W244N Single Panel
- Determine desired height of niche and mark 2" x 4" (50mm x 100mm) accordingly.
- Install horizontal cross bracing to support HYDRO BAN Preformed Niche. See Dimensional Drawings for specific niche sizes to determine cross bracing location.
- Use HYDRO BAN Adhesive & Sealant to adhere HYDRO BAN Preformed Niche to studs.
- Next, install 1/2" (12mm) backer board on all walls and flush to niche 1/2" (12mm) flanges.

- Seal joints between HYDRO BAN Preformed Niche and backer board using HYDRO BAN, if the seam is greater than 1/8" (3mm) then Water proofing/Anti-fracture Fabric will need to be used with the HYDRO BAN. Alternatively apply fiberglass tape to seam between HYDRO BAN Preformed Niche and backer board and cover with polymer fortified thin-set in the same manner as seams in backer board.
- Install tile according to TCNA guidelines and LATICRETE installation instructions.

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

8. MAINTENANCE

LATICRETE® and LATAPOXY® grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

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:

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

- DS 230.10APD: LATICRETE 10 Year Tile & Stone System 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 663.0: HYDRO BAN
- DS 237.0: Waterproofing/Anti-fracture Fabric
- DS 108.0: HYDRO BAN Adhesive and Sealant
- DS 080.0: 4-XLT
- DS 677.0: 254 Platinum
- DS 255.0: 255 MULTIMAX?
- DS 633.0: LATAPOXY 300 Adhesive