



HYDRO BAN[®] Board

DS-40-0423

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

HYDRO BAN[®] Board

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 Board[®] is a lightweight easy to handle and ready to tile wall board designed to be used in bonded tile or stone installations. It is made with a high-density, waterproof extruded polystyrene core and a reinforced, waterproof membrane on both sides to give triple protection from water and vapor intrusion. Available in a variety of thicknesses from 1/4" to 2" (6 mm to 50 mm) the HYDRO BAN Board can be used on walls, floors, ceilings, and in many installations requiring dimensionally sound and stable substrates as well as in steam rooms and steam showers. HYDRO BAN Board does not contain cement, fiberglass or paper products and will not cause itching or create messy cement debris during installation. No tab washers are required for floor and wall installations when using the ceramic coated HYDRO BAN Board Screws.

Uses

- Tile installations on walls, floor and ceilings
- Showers and tub surrounds

- Steam Rooms and steam showers
- Creating shower benches, seats and curbs
- Shelves, back splashes and counter tops
- Use under STRATA_HEAT Mat as an insulating layer

Advantages

- Lightweight; easy to carry and transport
- Advanced waterproof extruded polystyrene core
- Heavy duty waterproof fleece membrane on both sides
- Low perm rating for use in steam rooms and steam showers
- Rigid and impact resistant panels
- Contains no cement
- No tab washers required on floors and walls
- Simple to cut and install with a utility knife
- Does not include fiberglass or paper ingredients
- Part of the LATICRETE[®] Lifetime System Warranty*.

Suitable Substrates

- Brick
- Concrete
- Masonry Surfaces
- Wood or Metal Studded Walls

Packaging

Description		Item #	Wt/Board Lbs/Kg	Sheets/Pallet	Sheets/Bundle	Bundles/Pallet
Thickness	Size					
1/4"	3'x 5'	9450-0014-2	4.7(2.15)	84	21	4
3/8"	3'x 5'	9450-0038-2	4.8(2.19)	80	10	8
1/2"	3'x 5'	9450-0012-2	4.9(2.24)	60	10	6
1/2"	4'x 8'	9450-4812-2	10.7(4.85)	55	5	11
5/8"	3'x 5'	9450-0058-2	5.9(2.68)	50	10	5
1"	3'x 5'	9450-0100-2	6.9(3.11)	30	5	6
1 1/2"	3'x 5'	9450-0112-2	8.9(3.71)	20	4	5
2"	3'x 5'	9450-0200-2	9.4(4.28)	15	3	5

Approximate Coverage

Size	Coverage
3' x 5' (91cm x 152cm) Sheet	15 ft ² (1.4m ²)
4' x 8' (122cm x 244cm) Sheet	32 ft ² (3.0 m ²)

Limitations

- For interior use only
- When installing HYDRO BAN Board to a ceiling use HYDRO BAN Tab Washers and HYDRO BAN Screws.
- 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 (see Section 10 FILING SYSTEMS).

- HYDRO BAN Board is waterproof, but to ensure a waterproof installation all joints and fasteners must be sealed with alkaline resistant tape (or Waterproof/Anti-Fracture Fabric) and two coats of HYDRO BAN, or HYDRO BAN Sheet Membrane installed with a LATICRETE polymer fortified thin-set or HYDRO BAN Adhesive & Sealant.
- The maximum dead load for 1/2" (12.5 mm) HYDRO BAN Board finished ceiling system is 7.5 psf (37 Kg/M²)
- Do not expose unprotected HYDRO BAN Board to sun or weather for more than 30 days.
- Do not expose to rubber solvents or ketones.
- Must be covered with ceramic tile, stone, or other hard finish. Use protection board for temporary cover prior to finishing horizontal surfaces.
- When installing tile less than 2" x 2" (50 x 50mm) it must be grouted using SPECTRALOCK® PRO Premium Grout† (or similar).
- HYDRO BAN Board may be used on counter tops, but it should not be used in areas where extremely hot items will be placed directly on the tile.
- Not for use in submerged applications.
- Use 1 5/8" (41 mm) HYDRO BAN Board Screws to install 1/4" (6 mm), 3/8" (9 mm), 1/2" (12.7 mm), 5/8" (16 mm) and 1" (25 mm) thick HYDRO BAN Board. Use 3" (76 mm) HYDRO BAN Board Screws with 1 1/2" (38 mm) and 2" (51 mm) thick HYDRO BAN Board.
- Use a polymer fortified cement thin-set mortar (e.g. 254 Platinum) when installing tile in wet areas.
- For vertical applications on 1/2" (12.5 mm) HYDRO BAN Board the maximum installed weight of the finish system should not exceed 20 psf (98 Kg/M²)

Cautions

- During cold weather, protect finished work from traffic until fully cured.
- For white and light-colored marbles, use a white latex fortified portland cement mortar.
- For green and moisture sensitive marble, agglomerates and resin backed tile and stone use LATAPOXY® 300 Adhesive (refer to Data Sheet 633.0).
- If the waterproof coating on the HYDRO BAN Board 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 or DS 663.5 for full instructions or HYDRO BAN Sheet Membrane, follow DS 041.0 for full instructions.
- Use care not to damage surface of HYDRO BAN Board prior to installation of tile or stone finishes. Cover with protection board to protect from foot traffic and other trades when installing on horizontal surfaces.

4. TECHNICAL DATA

Applicable Standard

- IAPMO PS 106, ASTM E96 AND ASTM D1037
Physical Properties values for 1/2" (13 mm) thickness

Physical Properties

Test	Test Method	Results
Test Method	Description	
ASTM E96	Water Vapor Transmission Method E	0.034
ASTM D1621	Compressive Strength	57 psi (0.39 MPa)
IAPMO Z124	Flexural	Pass
ASTM D1037	Linear Expansion	-0.04%
PS106 5.1	Load and Water Spray Test	Pass
PS106 5.4	Hydrostatic Pressure Test	Pass
PS106 5.5	Fungus and Microorganism Growth Resistance Test	Pass
PS106 5.7	Point Impact Load Test	Pass
PS106 5.8	Area Impact Load Test for Shower Wall Surrounds	Pass
ASTM E84	Flame Spread*	5
ASTM E84	Smoke Developed*	105
NFPA	Class Rating*	A
IBC	Class Rating*	A
ASTM C518	Steady State Thermal Transmission Properties	2.23

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

• WALLS

FASTENING:

Wood Studs: Nominal Dimensions – 2" x 4" (5 x 10 cm) minimum with maximum span of 16" o.c.

use a minimum of 1/2" (12mm) HYDRO BAN Board, and for 19.2" o.c. stud spacing use a minimum of 5/8" (16mm) HYDRO BAN Board. Fasten boards directly to studs using the appropriate length HYDRO BAN Board Screw for the thickness of the HYDRO BAN Board. Screws should be spaced 12" o.c. (30 cm). All screw heads should be countersunk flush with surface of the board.

Steel Studs: Minimum Thickness – 20 gauge with maximum span of 16" o.c. (41 cm). Use a minimum of 1/2" (12mm) HYDRO BAN Board. Fasten boards directly to studs using the 1 5/8" (41 mm) HYDRO BAN Board screw. Screws should be spaced 12" o.c. (30 cm)/ All screws should be countersunk flush with surface of the board.

INSTALLATION:

The following steps must be followed to maintain the waterproof integrity of HYDRO BAN Board.

OPTION 1:

1. Beginning at the bottom of the wall, install HYDRO BAN Board to the wall studs by using the appropriate fastener and spacing outlined in the fastening section above. For tub walls and installations with HYDRO BAN Pre-Sloped Shower Pans first apply a bead of HYDRO BAN Adhesive & Sealant along the top edge of the tub or in the rabbet joint for the HYDRO BAN Pre-Sloped Shower Pans and immediately install the HYDRO BAN Board.

2. For a waterproof system using HYDRO BAN, embed 2" (50 mm) alkali resistant fiberglass mesh tape (or Waterproofing/Anti-Fracture Fabric) with HYDRO BAN liquid waterproofing membrane in all panel joints. Note: Any gap that is over 1/8" (3 mm) will need to be first filled using a rapid LATICRETE polymer fortified thin-set. When dry then proceed with the liquid applied HYDRO BAN.

3. All fasteners must be completely covered with HYDRO BAN liquid waterproofing membrane to form a seal.

4. Allow 1st coat to dry and apply 2nd coat over all joints, corners and fasteners.

OPTION 2: (when installing HYDRO BAN Board in a steam room this method must be used to insure proper performance)

1. Fasten boards in same manner as outlined in OPTION 1. For tub walls and installations with HYDRO BAN Pre-Sloped Shower Pans first apply a bead of HYDRO BAN Adhesive & Sealant along the top edge of the tub or in the rabbet joint for the HYDRO BAN Pre-Sloped Shower Pans and immediately install the HYDRO BAN Board.

2. To create a watertight system using HYDRO BAN Sheet Membrane Sealing Tape, Inside or Outside Corners and Collars start with the corners. Apply a suitable LATICRETE® polymer fortified thin-set mortar with a 1/4" x 3/16" (6 mm

x 5 mm) V-notched trowel. Press the pre-formed corner firmly into the adhesive. Remove any trapped air and guarantee full adhesion to the material by spreading the adhesive from the inside out using a trowel or straightedge with rounded corners.

3. Continue with thin-set along the floor-to-wall transition from the corner outward for the first strip of HYDRO BAN Sheet Membrane Sealing Tape. Overlap the corners by a minimum of 2" (50 mm).

4. Lay the HYDRO BAN Sheet Membrane Sealing Tape and remove all air pockets and excess material as with the corner piece.

5. For any sections where two strips of HYDRO BAN Sheet Membrane Sealing Tape will be joined, be certain to overlap the material by 2" (50 mm).

6. Continue with these steps around the perimeter of the installation.

7. Treat the vertical corners for the HYDRO BAN Sheet Membrane Sealing Tape next in the same manner as the floor-to-wall transitions were installed. Overlap the corners by a minimum of 2" (50 mm).

8. Treat pipe penetrations and mixing valves by applying thin-set mortar with a 1/4" x 3/16" (6 mm x 5 mm) V-notched trowel. Slide the appropriate HYDRO BAN® Collar over the pipe or mixing valve and press firmly into the adhesive. The urethane rubber will seal around the pipe or mixing valve. Remove any trapped air and guarantee full adhesion to the material by spreading the adhesive from the inside out using a trowel or straightedge with rounded corners.

9. Washer and fastener penetrations in ceilings, fastener penetrations for walls, can be covered with HYDRO BAN Sheet Membrane Sealing Tape using a LATICRETE® polymer fortified thin-set.

10. Important, there should not be excessive overlapping. For example, at the corner, the HYDRO BAN Sheet Membrane Sealing Tape that leaves the corner and protects the floor-to-wall transitions should overlap with the pre-formed corner piece, but not the pre-formed corner piece and the adjacent HYDRO BAN Sheet Membrane Sealing Tape.

Option 3:

1. Install the first sheet of HYDRO BAN Board as indicated for the application.

2. Place a bead of HYDRO BAN Adhesive and Sealant along the edge of the installed HYDRO BAN Board, 1/4" to 1/2" (12.7 mm).

3. Install the adjacent sheet of HYDRO BAN Board using the appropriate HYDRO BAN Screws and Tab Washers (HYDRO BAN Tab Washers are only required for ceiling applications).

4. HYDRO BAN Adhesive & Sealant must extend onto HYDRO BAN Board surface at least 1" beyond the joint on either side. (It may be necessary to apply another bead of HDRO BAN Adhesive & Sealant to the seam for proper coverage.)

5. Apply a dab of HYDRO BAN Adhesive & Sealant, the size of a quarter, over any screw head and/or screw and tab washer combination.

6. Tool sealant to desired thickness, (typically 1/16" to 1/8" (1.5 to 3 mm) immediately before skin forms.

7. Make sure that there are no pinholes present in any areas where you have applied the HYDRO BAN Adhesive & Sealant. If there are pinholes present reapply HYDRO BAN Adhesive & Sealant and re-toll as necessary.

8. Skin time is approximately 20 minutes. Tack free in about 40 minutes. Normal curing 40 hours depending on temperature and relative humidity. See DS108.0 for full HYDRO BAN Adhesive and Sealant installation instructions.

CEILINGS

FASTENING:

Framing members should not exceed 16" (406 mm) o.c. use a minimum of 1/2" (12mm) thick HYDRO BAN Board. Ensure that edges of HYDRO BAN Board are continuously supported. Fasten boards as outlined in FASTENING section for WALL applications spacing tab washers and screws every 6" o.c. (15 cm).

INSTALLATION:

Install HYDRO BAN Board as outlined in OPTION 1,2 or 3 in WALL application section but the 1 1/4" (32 mm) HYDRO BAN Tab Washers must be used with the 1 5/8" (41 mm) HYDRO BAN Board Screws.

FLOORS

GENERAL:

Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile installations or L/480 for thin bed stone installations. The tile size should be at least 8" x 8" (200 x 200 mm). Architect, builder or design professional must specify location of control joints. Also see TCNA Handbook, Installation Method EJ171-Movement Joint Design Essentials, for industry guidelines.

FASTENING:

Wood Floors

Framing: Maximum 16" (400 mm) on center joist spacing.

Subfloor: Minimum thickness 3/4" nominal (23/32) (19 mm (18mm)) exterior grade plywood or

OSB fastened and glued firmly to joists as per TCNA Handbook, Installation Method F175-13-Cementitious Coated Foam Backer Board. Adhere the HYDRO BAN Board to the exterior glue plywood using 253 Gold (or better) thin-set with a ¼" x ¼" (6mm x 6mm) square notch trowel. Fasten boards directly to subfloor using the 1 5/8" (41 mm) HYDRO BAN Board screw. Fasteners should be spaced a maximum of 12" (30 cm) o.c. All fastener heads should be countersunk flush with surface of the board. Where two boards meet a HYDRO BAN Board screw should be installed on both sides of the seam.

INSTALLATION:

1. Apply a setting bed of LATICRETE® polymer fortified mortar over subfloor with a ¼" (6 mm) square notched trowel combing mortar into a ribbed bed.
2. All boards should be laid with staggered joints.
3. Fasten boards as outlined in the FASTENING section above.
4. Fill all joints with a LATICRETE polymer fortified mortar and embed 2" (50 mm) fiberglass mesh cement board tape in dry areas.

Note: HYDRO BAN® Board is completely waterproof. If the area below the backerboard must be kept dry, all fastener penetrations and joints must be sealed with HYDRO BAN liquid waterproof membrane.

CONCRETE FLOOR

Concrete must be fully cured and clean.

INSTALLATION:

1. Any depressions should be filled with mortar.
2. Apply a setting bed of LATICRETE polymer fortified mortar over concrete floor with a 1/4" (6 mm) square notched trowel combing mortar into a ribbed bed.
3. Make certain there are no voids beneath panel and that it is supported solidly.
4. All boards should be laid with staggered joints.
5. Allow mortar to harden before taping joints.
6. Fill all joints with a LATICRETE polymer fortified mortar and embed 2" (50 mm) alkali-resistant fiberglass mesh cement board tape in dry areas.
7. Alternatively, to create a watertight system using HYDRO BAN Sheet Membrane Sealing Tape, apply a suitable LATICRETE® polymer fortified thin-set mortar with a 1/4" x 3/16" (6 mm x 5 mm) V-notched trowel. Press the sealing tape firmly into the adhesive. Remove any trapped air and guarantee full adhesion to the board by spreading the adhesive from the inside out using a trowel or straightedge with rounded corners.
8. If needed continue with thin-set along the

floor-to-wall transition from the corner outward for the first strip of HYDRO BAN Sheet Membrane Sealing Tape. Overlap the corners by a minimum of 2" (50 mm).

9. For any sections where two strips of HYDRO BAN Sheet Membrane Sealing Tape will be joined, be certain to overlap the material by 2" (50 mm).

Note: HYDRO BAN Board is completely waterproof. If the area below the backerboard must be kept dry, all fastener penetrations and joints must be sealed with HYDRO BAN liquid waterproof membrane or HYDRO BAN Sealing Tape and a LATICRETE polymer fortified thin-set.

COUNTERTOPS

Use appropriate thickness of HYDRO BAN Board to replace backer board for countertop installations following TCNA method C513.

FASTENING:

1. Apply a continuous bead of HYDRO BAN Adhesive & Sealant to the top layer of plywood along perimeter and a "Z" pattern on the surface.
2. Adhere the HYDRO BAN Board to top of the counter. Press in place removing any excess HYDRO BAN Adhesive & Sealant.
3. Use the appropriate HYDRO BAN Board Screw every 12" (30 cm) along edges and on the interior surface to adhere the HYDRO BAN Board to the plywood.

INSTALLATION:

The following steps must be followed to maintain the waterproof integrity of HYDRO BAN® Board.

1. Cut the HYDRO BAN Board to fit the counter top. Leave the front end of the counter recessed in order to apply a 1/4" (3 mm) thick strip of HYDRO BAN Board to the front edge using the HYDRO BAN Adhesive & Sealant. Fasten to the counter as described above.
2. Before installing adjacent boards, apply a bead of HYDRO BAN Adhesive & Sealant to the edges of the first board.
3. Install next board as outlined above.
4. All boards must be fitted tightly together allowing sealant to ooze from joint.
5. All excess sealant should be spread thin ensuring a continuous seal at the joint.
6. All seams and fastener penetrations can be covered with liquid HYDRO BAN, HYDRO BAN Sheet Membrane Sealing Tape or HYDRO BAN Adhesive & Sealant and a LATICRETE polymer fortified thin-set.
7. Wrap the front edge with HYDRO BAN Sheet Membrane Sealing Tape using a LATICRETE polymer fortified thin-set.
8. Using a reciprocating saw cut out the hole for the sink.
9. Apply HYDRO BAN® Adhesive & Sealant around the cut out and insert the sink.
10. When dry the counter can be fully tiled.

CURBS, SEATS AND BENCHES

INSTALLATION:

1. Measure, cut and dry fit all pieces from 2" (50 mm) HYDRO BAN® Board before installing.
2. All seat or bench perimeters should be supported by 2" (50 mm) HYDRO BAN Board installed vertically.
3. Use 254 Platinum when assembling the curbs, seats and benches.
4. Spacing between vertical supports should not exceed 16" (40 cm).
5. When installing corner seats the appropriate board edges should be mitered for a tighter fit.
6. Bench and seat supports can be cut on an angle to create a slope for the seat top.
7. All boards must be fitted tightly together allowing the 254 Platinum to ooze from joint.
8. All excess adhesive should be spread thin ensuring a continuous seal at the joint.
9. Exposed edges can be wrapped with 2" wide alkaline mesh resistant tape and 254 Platinum thin-set. When the thin-set is dry, waterproof using HYDRO BAN, allowing the first coat to dry completely before the second coat is added.
10. All coves and corners can be treated with alkaline resistant tape and a 254 Platinum thin-set. When the thin-set is dry waterproof using HYDRO BAN allowing the first coat to dry completely before the second coat is applied. (Alternatively use HYDRO BAN Sealing Tape or HYDRO Ban Adhesive & Sealant).

TUB SURROUNDS AND PLATFORMS

INSTALLATION:

1. When installing HYDRO BAN Board to tub surrounds and platforms choose the appropriate thickness required for the application.
2. HYDRO BAN Board must be attached to the frame, which is load bearing and fully supported, and be installed over the lip of the tub.
3. Follow fastening and installation instructions above for Walls.

MASONRY, BRICK OR CONCRETE WALLS

INSTALLATION:

1. First remove all surface contaminants from the substrate that may weaken the bond between the HYDRO BAN Board and the wall.
2. Apply a LATICRETE polymer modified thin-set mortar to the substrate with the appropriate notched trowel then skim coat the back of the HYDRO BAN Board
3. Apply the panels to the wall and firmly press them in place to ensure full coverage.
4. Tightly butt the individual panels and align them appropriately.
5. For a waterproof system using HYDRO BAN, embed 2" (50 mm) alkali resistant fiberglass mesh tape (or Waterproofing/Anti-Fracture Fabric) with HYDRO BAN liquid waterproofing

membrane in all panel joints. Note: Any gap that is over 1/8" (3 mm) will need to be first filled using a rapid LATICRETE polymer fortified thin-set. When dry then proceed with the liquid applied HYDRO BAN.

6. Allow 1st coat to dry and apply 2nd coat over all joints, corners and fasteners.

7. Or to create a watertight system using HYDRO BAN Sheet Membrane Sealing Tape, Inside or Outside Corners and Collars start with the corners. Apply a suitable LATICRETE® polymer fortified thin-set mortar with a 1/4" x 3/16" (6 mm x 5 mm) V-notched trowel. Press the pre-formed corner firmly into the adhesive. Remove any trapped air and guarantee full adhesion to the material by spreading the adhesive from the inside out using a trowel or straightedge with rounded corners.

8. Continue with thin-set along the floor-to-wall transition from the corner outward for the first strip of HYDRO BAN Sheet Membrane Sealing Tape. Overlap the corners by a minimum of 2" (50 mm).

9. Lay the HYDRO BAN Sheet Membrane Sealing Tape and remove all air pockets and excess material as with the corner piece.

10. For any sections where two strips of HYDRO BAN Sheet Membrane Sealing Tape will be joined, be certain to overlap the material by 2" (50 mm).

11. Continue with these steps around the perimeter of the installation

12. Treat the vertical corners for the HYDRO BAN Sheet Membrane Sealing Tape next in the same manner as the floor-to-wall transitions were installed. Overlap the corners by a minimum of 2" (50 mm).

13. Treat pipe penetrations and mixing valves by applying thin-set mortar with a 1/4" x 3/16" (6 mm x 5 mm) V-notched trowel. Slide the appropriate HYDRO BAN® Collar over the pipe or mixing valve and press firmly into the adhesive. The urethane rubber will seal around the pipe or mixing valve. Remove any trapped air and guarantee full adhesion to the material by spreading the adhesive from the inside out using a trowel or straightedge with rounded corners.

14. Important, there should not be excessive overlapping. For example, at the corner, the HYDRO BAN Sheet Membrane Sealing Tape that leaves the corner and protects the floor-to-wall transitions should overlap with the pre-formed corner piece, but not the pre-formed corner piece and the adjacent HYDRO BAN Sheet Membrane Sealing Tape. (Alternatively HYDRO BAN Adhesive & Sealant can be used following the installation instructions in Option 3 above)

15. The tiles can be installed immediately using polymer fortified thin-set mortar. Choose a

notched trowel to match the tile format, and back-butter the tiles, if necessary, to attain full coverage.

- DS 230.99: LATICRETE Lifetime Tile & Stone System Warranty (United States and Canada)
- DS 108.0: HYDRO BAN Adhesive and Sealant
- DS 663.0: HYDRO BAN
- DS 633.0: LATAPOXY 300 Adhesive
- DS 041.0: HYDRO BAN Sheet Membrane
- DS 677.0: 254 Platinum
- DS 031.0: HYDRO BAN Pre-Sloped Shower Pan
- DS 085.0: HYDRO BAN Linear Pre-Sloped Shower Pan
- DS 108.0: HYDRO BAN Adhesive & Sealant

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

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:

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

LATICRETE International, Inc.

One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4788 • +1.203.393.0010 • www.laticrete.com

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10 Year System Limited Warranty (United States)

DS-230.10

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APPLICATION	PRODUCTS
Underlayment	NXT® LEVEL SUPERCAP® SC500 SUPERCAP SC500 LW Skim Lite NXT Patch
Primer	Primer Plus PRIME-N-BOND™
Floor Warming ^Δ	STRATA_HEAT™ Wire STRATA_HEAT STRATA_HEAT Thermal Packs††
Vapor Reduction	VAPOR BAN™ E VAPOR BAN ER VAPOR BAN Primer ER
Waterproofing/ Anti-Fracture	HYDRO BAN® HYDRO BAN XP 9235 Waterproofing Membrane HYDRO BARRIER™ PLUS
Waterproofing	HYDRO BAN Sheet Membrane LATAPOXY® Waterproof Flashing Mortar
Shower System	HYDRO BAN Pre-Sloped Shower Pan (and applicable accessories) HYDRO BAN Linear Pre-Sloped Shower Pan (and applicable accessories) HYDRO BAN Shower & Shower Kits (and applicable accessories) HYDRO BAN Linear Drain (and applicable accessories) HYDRO BAN Bonding Flange Drain (and applicable accessories) HYDRO BAN Board (and applicable accessories) 4-XLT ^Δ
Sound Control/Anti-Fracture	170.3 OR 170.5 Sound & Crack Isolation Mat 125 TRI MAX®
Uncoupling	STRATA_MAT™ STRATA_MAT XT
Thick Bed Method	209 Floor Mud mixed with 3701 Mortar Admix
Slurry Bond Coat	254 PLATINUM™ 254 PLATINUM PLUS
Thin Bed Method	253 Gold (regular or rapid version) 4-XLT (regular or rapid version)
Large, Heavy Tile Method	4-XLT (regular or rapid version)
Grouting	SPECTRALOCK® PRO Premium Grout SPECTRALOCK PRO Grout SPECTRALOCK 1 Pre-Mixed Grout PERMACOLOR® Grout PERMACOLOR Select
Profiles & Trims	Aluminum Brass Stainless Steel
Sealant†	LATASIL™ LATASIL 9118 Primer

† Use of suitable flexible sealant is required per Tile Council of North America Detail EJ171 for use in expansion joints, coves, corners, changes in plane and other joints or wherever tile or stone abuts dissimilar materials or restraining surfaces.

Δ When used to install HYDRO BAN® Pre-Sloped Shower Pan to subfloor only.

^ Floor Warming Thermostat and STRATA_HEAT™ Thermostat sold by LATICRETE warrants parts and materials for one (1) year from the date of purchase. The sole remedy for the Floor Warming Thermostats and STRATA_HEAT Thermostats is product replacement (see Data Sheet 230.13 for full details on the LATICRETE Product Limited Warranty).

††4-XLT with STRATA_HEAT Thermal Packs when used as a large & heavy tile adhesive mortar.

LIMITED WARRANTY

Subject to the conditions and limitations stated in this limited warranty statement (this "Limited Warranty"), LATICRETE INTERNATIONAL, INC. ("LATICRETE") warrants that the LATICRETE® products listed on this document ("Products") will be free from manufacturing defects and will not break down or deteriorate under normal usage when installed in accordance with the written specifications of LATICRETE and industry standard guidelines. For this Limited Warranty to apply, all of the applications that comprise the installation must be performed exclusively with one or more of the Products listed in this document for each application (refer to chart above). This Limited Warranty can

also be found online at <https://laticrete.com/en/support-and-downloads/product-support/warranties>. LATICRETE'S responsibility for defective Products is limited to repair or replacement as described below in this Limited Warranty.

NO ASSIGNMENT; SCOPE OF COVERAGE

LATICRETE extends this Limited Warranty only to the original purchaser of the Product ("you") and only for the duration of the Warranty Period. This Limited Warranty is not transferable or assignable. It does not extend to any subsequent owner or other transferee of the Product, and therefore there shall be no third party beneficiary to this Limited Warranty. If you purchased your Product from LATICRETE, you may obtain coverage under this Limited Warranty. AS TO ALL OTHERS, LATICRETE MAKES NO AND HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES, COVENANTS, AND CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED, ARISING FROM OR RELATING TO THE PRODUCTS, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT, WHETHER ARISING FROM STATUTE, COMMON LAW, CUSTOM OR OTHERWISE.

WARRANTY PERIOD

This Limited Warranty starts on the date of your purchase of the Product and lasts for ten (10) years (the "Warranty Period"). The Warranty Period is not extended if LATICRETE repairs or replaces your Product. LATICRETE may change the availability of this Limited Warranty at its discretion, but any changes will not be retroactive.

DISCLAIMER

FOR COMMERCIAL CUSTOMERS (INCLUDING SMALL, MEDIUM, AND LARGE BUSINESSES, PROFESSIONAL INSTALLERS, AND GOVERNMENT AND PUBLIC SECTOR CUSTOMERS) AND RESELLERS: This paragraph only applies to you if you purchase Products from LATICRETE for resale or for commercial or professional purposes. LATICRETE'S RESPONSIBILITY FOR DEFECTS IN MANUFACTURING OR FOR A PRODUCT'S BREAK DOWN OR DETERIORATION UNDER NORMAL USE IS LIMITED TO REPAIR AND REPLACEMENT AS SET FORTH IN THIS LIMITED WARRANTY. EXCEPT FOR THE LIMITED WARRANTY EXPRESSLY STATED ABOVE FOR LATICRETE PRODUCTS, LATICRETE PROVIDES NO WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OR CONDITION (1) OF MERCHANTABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, PERFORMANCE, SUITABILITY OR NONINFRINGEMENT; (2) RELATING TO ANY THIRD-PARTY PRODUCT; OR (3) REGARDING THE RESULTS TO BE OBTAINED FROM THE PRODUCT. LATICRETE EXPRESSLY DISCLAIMS ALL



10 Year System Limited Warranty (United States)

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WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY.

FOR CONSUMERS: This paragraph applies to you only if you purchase Products from LATICRETE that are normally used for personal, family or household purposes other than for resale, or for commercial or professional use. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. LATICRETE'S RESPONSIBILITY FOR DEFECTS IN MANUFACTURING OR FOR A PRODUCT'S BREAK DOWN OR DETERIORATION UNDER NORMAL USE IS LIMITED TO REPAIR AND REPLACEMENT AS SET FORTH IN THIS LIMITED WARRANTY. LATICRETE LIMITS THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO THE DURATION OF THE WARRANTY PERIOD. NO WARRANTIES OR CONDITIONS, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD HAS EXPIRED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

LIMITATION OF LIABILITY

THE REMEDIES DESCRIBED BELOW IN THE "EXCLUSIVE REMEDY" SECTION BELOW ARE YOUR SOLE AND EXCLUSIVE REMEDIES, AND LATICRETE'S ENTIRE LIABILITY, FOR ANY BREACH OF THIS LIMITED WARRANTY. LATICRETE'S LIABILITY SHALL, UNDER NO CIRCUMSTANCES, EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL LATICRETE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

EXCLUSIVE REMEDY

The sole and exclusive remedy for a breach of this Limited Warranty is replacement of only the specific portion of the installation that is proven to be defective. LATICRETE will pay for replacement of its own products and replacement of finishing materials, as well as for labor for the replacement installation, provided that LATICRETE will not pay more for the replacement than the original purchase price of the portion being replaced as calculated on a square-foot (or, if applicable, square-meter) basis. LATICRETE will not pay for replacement of any portion of the installation that is not proven to be defective.

In the event that the sole and exclusive remedy described above fails of its essential purpose, the liability of LATICRETE is limited to the monetary value, on a square-foot (or, if applicable, square-meter) basis, of the original purchase price of the portion being replaced.

EXCLUSIONS

This Limited Warranty does not cover any damage due to (a) transportation; (b) storage; (c) improper use; (d) failure to follow LATICRETE's Product instructions and industry standard guidelines; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions beyond LATICRETE's reasonable control, including cracking due to structural movement, excessive deflection or other failure in the substrate.

This Limited Warranty excludes any Products used in any submerged and industrial applications. Please refer to individual product data sheets available at <https://laticrete.com/en/support-and-downloads/product-support/data-sheets> for specific guidelines.

This Limited Warranty also excludes any Products used in any exterior facades with ceramic tile, stone, adhered masonry veneer, or thin brick installed over substrates with steel or wood framing - see Data Sheet 230.15 for such applications.

This Limited Warranty does not apply to the Floor Warming Thermostat and STRATA_HEAT™ Thermostat sold by LATICRETE – please see Data Sheet 230.13 for full details on the LATICRETE warranty terms that apply to these products.

****Note:** *Efflorescence is a normal condition of Portland cement mortars and is not a defective condition.*

HOW TO MAKE A CLAIM

To make a claim under this limited warranty, you must notify LATICRETE in writing within thirty (30) days of the discovery of the alleged manufacturing defect. At the option of LATICRETE, you may be required, as a condition of this limited warranty, to provide proof of product purchase and use.

Address your claim to:

LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA
Attn.: Technical Services Department

SEVERABILITY

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.



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TECHNICAL INFORMATION

Technical assistance and information are available by calling the

LATICRETE Technical Services Line:

Toll Free: 1.800.243.4788, ext. 1235
Telephone: +1.203.393.0010, ext. 1235
Fax: +1.203.393.1948
Email: technicalservices@laticrete.com
Web and Chat: www.laticrete.com

Data Sheets are subject to change without notice. For the latest versions of Data Sheets, please visit our website at www.laticrete.com.

LATICRETE International, Inc.

One LATICRETE Park North, Bethany, CT 06524-3423 USA ■ 1.800.243.4788 ■ +1.203.393.0010 ■ www.laticrete.com
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