FRACTURE BAN™ WP Tape

DS-36620-1120

1. PRODUCT NAME
FRACTURE BAN™ WP Tape

2. MANUFACTURER
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3. PRODUCT DESCRIPTION
FRACTURE BAN™ WP Tape (Waterproofing Tape) is a 4" (10 CM) wide, 28 mil (0.7 mm) thick seaming tape for waterproofing FRACTURE BAN underlayment membranes. FRACTURE BAN WP consists of a rubberized membrane laminated to a high-strength, reinforcing facing film and a release sheet on the adhesive side. When used with FRACTURE BAN peel and stick membranes, FRACTURE BAN WP Tape will form a seamless, waterproof, sheet over the substrate. All substrates must first be primed using FRACTURE BAN Primer prior to FRACTURE BAN WP Tape and FRACTURE BAN peel and stick membrane application.

Advantages
- Designed to use specifically with FRACTURE BAN™ peel and stick products.
- Thin only 28 mils (10 cm) thick
- Easy to install peel and stick seaming tape
- Helps to eliminate vapor, cracks or water intrusion
- Single source supply for all your tile installation materials
- Part of a 25 Year System Warranty

Suitable Substrates
- Cement Mortar Bed (Cured 28 days)
- Concrete (Interior Only)
- Concrete Slabs
- Backer Board
- Cement Terrazzo (Interior Only)
- Expanded Polystyrene
- Existing Masonry and Brick
- Exterior Glue Plywood (Interior applications only, not for use in permanent wet areas)
- Self-Leveling and Patching Compounds (Interior Only)

Uses
- Residential and commercial
- Retail, malls and stores
- Offices, hotel/motel, hospitals
- Apartment and condo buildings

Packages
4"x100' (10cm x 30.5m) roll. 6 rolls per carton.

Approximate Coverage
Each roll is 4"x100' (10 cm x 30.5m)

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area at temperatures >40°F (4°C) and <100°F (38°C) do not allow to freeze. (38°C) do not allow to freeze.

Limitations
- Do not install moisture-sensitive tile or stone with water based setting materials on top of FRACTURE BAN™ peel & stick membranes. Also, dimensionally weak natural stone tile that normally would not be categorized as moisture sensitive; such as travertine, limestone, marble and agglomerates can exhibit doming, cupping or curing when wet-set using medium-bed mortar methods of installation over impervious sheet membranes such as FRACTURE BAN. For this reason, areas requiring more than 3/8" (10 mm) buildup require the use of a NXT™ self-leveling underlayment’s or cured 3701 Fortified Mortar application before installation of FRACTURE BAN. When installing natural stone, always do a mockup
Not recommended for use on concrete floors where hydrostatic head pressure exists or moisture vapor transmission in excess of 5 lbs. per 1000 ft² per 24hrs (283μg/s•m²) as determined by calcium chloride kit test ASTM F1869 is present or 75% RH when tested per ASTM F2170. If the moisture vapor transmission is greater than 5 lbs. per 1000 ft² per 24hrs (283μg/s•m²) then first coat the concrete floor using NXT Vapor Reduction Coating according to Data Sheet DS 507.0 then proceed with the FRACTURE BAN Primer and FRACTURE BAN membrane application.

Not recommended for use where horizontal floor movement is greater than 1/4" (6.4 mm). Existing cracks larger than 3/16" (4.8 mm) should be prepared with proper backing material prior to installation of membrane.

Not recommended to cover joints or cracks larger than 3/8" (9.5 mm) □ Not recommended for use where vertical floor movement is present.

For installations over plywood sub-floors, please refer to TCNA Method F125A. For expansion joints, reference TCNA Method EJ171.

Must be covered with ceramic tile, stone, or other hard finish. Use protection board for temporary cover prior to finishing horizontal surfaces.

Do not use solvent based sealants or sealers where contact with membrane may occur.

Do not install when surface temperature is below 40°F (4°C), when ambient temperature is expected to be below 50°F (10°C) during placement or before material takes final set or when temperature will be above 90°F (32°C).

Do not allow FRACTURE BAN Primer to freeze.

Do not install FRACTURE BAN or FRACTURE BAN Primer over particleboard, chipboard, hardboard (Masonite), Luan panels, asbestos, interior glue plywood, gypsum-based patching materials, asphalt, coal tar, or lightweight insulating concrete or any other dimensionally unstable materials.

If FRACTURE BAN is going to be used on an exterior application, FRACTURE BAN Primer must be replaced with NXT Epoxy Primer and used along with FRACTURE BAN 40 only. Apply the NXT Epoxy Primer according to DS-077.0 and then install the FRACTURE BAN 40 directly to the surface primed with the NXT Epoxy Primer.

Perform a mock-up to ensure product will perform as required.

Check www.laticrete.com for any technical bulletins or updated information about the product and its application.

FRACTURE BAN Primer is water based and is non-hazardous under normal conditions of use. In case of skin contact, wash immediately with water.

Wear gloves and protective goggles.

Protect Primers from freezing.

When spraying FRACTURE BAN Primer, avoid breathing the fine mist and use a NIOSH approved respirator.

Not for submerged applications.

Keep FRACTURE BAN Primer out of reach of children.

When treating cracks in a concrete floor or going over saw cut joints install the FRACTURE BAN must be applied a minimum of 3 times the width of the tile being installed. The tile installed over the crack cannot be in contact with the concrete. Follow TCNA Method F125 for the treatment of hairline cracks, shrinkage cracks, and saw cut or control joints. A LATICRETE polymer fortified thin-set should be used to feather the edge of the membrane at least 12" (305 mm) from the edge in order to eliminate any abrupt changes in surface height.

Not recommended for use on concrete floors when hydrostatic pressure is present.

Cooler weather will also increase set time.

4. TECHNICAL DATA

Physical Properties

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<thead>
<tr>
<th>Standard</th>
<th>Description</th>
<th>Requirement</th>
<th>Test Result</th>
</tr>
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<tbody>
<tr>
<td>ASTM C627</td>
<td>Robinson Floor</td>
<td>Cycles 1 - 14 Heavy</td>
<td>Extra Heavy</td>
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<td>ASTM E2179</td>
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<td>ASTM E90</td>
<td>Airborne Sound</td>
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</tbody>
</table>

Working Properties

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.

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5. INSTALLATION

Surface Preparation: All substrates must be structurally sound, clean and free of dirt, oil, grease, paint, laitance, efflorescence, concrete sealers or curing compounds. Make rough or uneven concrete smooth to a wood float
or better finish with a underlayment. Do not level with asphalt based Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.com. DS-155.0-1016 products. Maximum deviation in plane must not exceed 1/4" in 10 ft (6 mm in 3 m) with no more than 1/16" in 1 ft (1.5 mm in 0.3 m) variation between high spots. Refer to Technical Data Sheet 152 “Bonding Ceramic Tile, Stone or Brick Over Wood Floors” (refer to section 10, FILING SYSTEMS).

For Concrete Floor Construction: To remove any bond-inhibiting materials, clean the surface by mechanically grinding to obtain an International Concrete Repair Institute (ICRI) concrete surface profile (CSP) #2. If the concrete requires further grinding to clean the surface causing a higher CSP, smooth the surface using a slurry bond coat of 254 Platinum or a NXT™ patching or self leveling underlayment.

For Wood Floor Construction: If FRACTURE BAN™ is to be used as a water/vapor barrier, apply FRACTURE BAN peel and stick membrane. Refer to Technical Data Sheet 152 “Bonding Ceramic Tile, Stone or Brick Over Wood Floors” (refer to section 10, FILING SYSTEMS).

7. WARRANTY
See 10. FILING SYSTEM:
- DS 025.0: 25 Year System Warranty

8. MAINTENANCE
All tools and equipment should be cleaned promptly with water.
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
A component of:
DS 025.00: LATICRETE 25 Year System Warranty
DS 230.10: LATICRETE 10 Year System Warranty
DS 230.05: LATICRETE 5 Year System Warranty
TDS 152: Bonding Ceramic Tile, Stone or Brick Over Wood Floors
DS 156.0: FRACTURE BAN™ Primer
DS 029.3: NXT® Epoxy Primer