



Fracture Ban™ Primer

DS-156.0-1115

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

Fracture Ban™ Primer

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

Fracture Ban Primer is a concentrated premium quality, water-based primer designed to be applied prior to the installation of Fracture Ban Membrane. Fracture Ban Primer penetrates deeply into substrates and maximizes bond strength.

Suitable Substrates

- Concrete Slabs
- Cement Mortar Beds
- Exterior Glue Plywood, OSB
- Precast Floor Panels
- Gypsum Underlayments
- Radiant Heated Floors
- Ceramic Tile, Terrazzo, Stone
- Self-Leveling and Patching Compounds
- Backer Board
- Existing VAT, VCT and Vinyl Floors

Advantages

- Fracture Ban Primer is multi-purpose and can be used on a wide range of substrates.
- Fracture Ban Primer may be broom, roller, or spray applied.

Packaging

4x1 Gal (4x 3.8 L) carton, 48 per pallet
5 Gal (18.9 L) plastic pail, 28 per pallet
245 Gal (927.4 L) heavy-duty intermediate bulk container (IBC)

Coverage

When diluted, one gallon (3.8 L) of concentrate will cover approximately 285ft² (26.5m²).

Shelf Life

Fracture Ban Primer should be stored in original packaging. Use within one (1) year of date of manufacture. Do not allow primer to freeze.

Limitations

- 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).
- Adhesives/mastics, mortars and grouts for ceramix tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane on top of the dry DRYTEK underlayment.
- Do not allow Fracture Ban Primer to freeze.
- Do not install Fracture Ban Primer or underlayments 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.

Cautions

Before using any LATICRETE product:

- Read and understand the Product Data Sheet and Safety Data Sheet.
- 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.
- When spraying the product, avoid breathing the fine mist and use a NIOSH approved respirator.
- Contact your local LATICRETE Technical Sales Representative with any questions.
- Not for submerged applications.
- Keep out of reach of children.

4. TECHNICAL DATA

Meets LEED VOC Content requirements. Actual field performance will depend on installation methods and site conditions. Specifications are subject to change without notification. Technical data shown in LATICRETE product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary greatly due to variability of critical job site factors.

5. INSTALLATION

Surface Preparation

- Clean substrate to eliminate dust, dirt, oil, grease, paint or any contaminants which may inhibit bonding. Do not use chemicals to clean substrate. Remove any loose particles by vacuuming and damp sponging.
- Inspect for contraction joints, construction joints and cracks in the substrate which may be subject to movement after installation of a Fracture Ban™. These must be maintained as joints through the Fracture Ban.
- Maintain substrate temperature between 40–90°F (4–32°C) and air temperature between 50–90°F (10–32°C) during installation and throughout drying. Provide adequate ventilation to ensure uniform drying.

Mixing

Fracture Ban Primer is a concentrate and must be diluted with clean potable water at 1:1 (Primer:Water) ratio. Mix/stir concentrate thoroughly prior to and after diluting.

Application

All surfaces must be primed prior to the installation of Fracture Ban. Fracture Ban Primer is a concentrate and must be diluted with clean potable water prior to application. Dilution ratio and application methods vary depending on substrate. Always stir or shake Fracture Ban Primer concentrate prior to diluting. Water must always be carefully measured in order to ensure proper dilution is achieved. Use a mixing paddle to thoroughly combine primer and water. Fracture Ban Primer can be broom, roller, mop, or spray applied. Substrate temperature must be a minimum 40°F (4°C) during primer application and throughout drying time. Additionally, air temperature must be maintained between 50–90°F (10–32°C) during primer application and throughout drying time. The primed surface must also be protected from weather, water and direct sunlight.

Protect Primer Application: When walking over new primer application prior to installation of a Fracture Ban, shoes must be protected with clean, slip-on type booties (i.e. Tyvek). Primed floor must not be opened to trade traffic prior to installation of Fracture Ban Membrane. If the primed floor becomes contaminated by trade traffic, construction dust, debris, or any other bond inhibiting substance, or is exposed to water/excessive moisture prior to second coat application, the contaminated first coat of primer must be completely removed by shot blasting, scarification or other mechanical means, properly re-primed and allowed to dry.

Membrane Application: Remove any remaining puddles by brooming and spreading evenly over the surface. Allow the Fracture Ban Primer to completely dry for approximately 30 minutes to 1 hour at 70°F (21°C) and 50% Relative Humidity. Fracture Ban Primer coat

is considered dry when the primer turns from milky white to clear and is tacky to the touch, and there is no release of primer from the substrate. Drying time will vary depending on surface and ambient air conditions. Substrate temperature must be a minimum 40°F (4°C) during primer application and throughout drying time. Additionally, air temperature must be maintained between 50–90°F (10–32°C) during primer application and throughout drying time. Primer must also be protected from weather and direct sunlight. Temperatures below 70°F (21°C) and/or relative humidity above 50% will increase drying time. Insufficient drying or poor film formation will result in pinholes and poor bond strength and may cause Fracture Ban to debond. If primer dries within 30 minutes or if a 24 hour period is exceeded after primer application, the surface must be primed again.

Cleaning

All tools and equipment should be cleaned promptly with water.

6. AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® 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 www.laticrete.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

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
DS230.05: LATICRETE 5 Year System Warranty

8. MAINTENANCE

Non-finish LATICRETE and LATAPOXY installation 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. 235
Telephone: +1.203.393.0010, ext. 235
Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

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 025.00:	LATICRETE 25 Year System Warranty
DS 230.10:	LATICRETE 10 Year System Warranty
DS 230.05:	LATICRETE 5 Year System Warranty
DS 663.0:	HYDRO BAN®
DS 236.0:	9235 Waterproofing Membrane
DS 155.0:	Fracture Ban