NXT™ Primer

DS-502.0-0414

Globally Proven Construction Solutions



1. PRODUCT NAME
NXT™ Primer

2. MANUFACTURER
LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA
Telephone: +1.203.393.0010, ext. 235
Toll Free: 1.800.243.4788, ext. 235
Fax: +1.203.393.1684
Internet: **www.laticrete.com**

3. PRODUCT DESCRIPTION
NXT Primer is a concentrated premium quality, water-based primer designed to be applied prior to the installation of NXT Underlayments. NXT Primer penetrates deeply into substrates and maximizes bond strength.

Suitable Substrates (Interior Only)
- Concrete
- Vinyl Tile
- Cement Terrazzo
- Exterior Glue Plywood
- Ceramic Tile and Stone
- Cement Mortar Beds
- Cement Backer Board*

* Consult cement backer board manufacturer for specific installation recommendations.

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

Packaging
1 Gal (3.8 L) jug, 4 jugs per carton, 36 cartons per pallet.
5 Gal (18.9 L) plastic pail, 28 per pallet.
245 Gal (927.4 L) heavy-duty intermediate bulk container (IBC).

Shelf Life
NXT 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 NXT Primer to freeze.
- Do not install NXT 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.
- NXT 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 all Federal, State & Local requirements for VOC. 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

- Refer to TDS 230N NXT™ Substrate Preparation and Primer Guide for more detailed substrate preparation instructions.
- All concrete surfaces must achieve an ICRI CSP Profile of 3 - 5.
- 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 NXT self-leveling underlayment. These must be maintained as joints through the NXT self-leveling underlayment.
- For exterior glue plywood substrates use 3.2# galvanized diamond metal lath.
- 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

NXT Primer is a concentrate and must be diluted with clean potable water. Dilution ratio varies depending on the substrate. Mix/stir concentrate thoroughly prior to diluting.

NXT™ PRIMER DILUTION / APPROXIMATE COVERAGE

SUITABLE SUBSTRATES	Primer to Water Ratio[1]	Approximate Coverage[2]
Normal Suction: Concrete	1:3	400 ft² (37 m²)
High-Suction: Highly Porous Dry Concrete / All NXT Underlayments / Cement Mortar Beds	1st coat: 1:5 2nd coat: 1:3	200 ft² (19 m²)
Exterior Glue Plywood	5:1	200 ft² (19 m²)
Non-Suction: Ceramic, Stone, Quarry Tile / VCT, VAT, Sheet Vinyl / Cement Terrazzo	1:1 with slurry	285 ft² (26 m²)
NXT Vapor Reduction Coating	1:1 with slurry	285 ft² (26 m²)

1. Dilution Ratio = Primer: Water
2. Approximate coverage in square feet per gallon of concentrated primer

Application

For proper application instructions refer to TDS 230N NXT Substrate Preparation and Primer Guide. Field visits by LATICRETE personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

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 230.99APD: LATICRETE Lifetime Tile & Stone System Warranty
DS 025.0APD: LATICRETE 25 Year Tile & Stone System Warranty
DS 230.10APD: LATICRETE 10 Year Tile & Stone System Warranty
DS230.05APD: LATICRETE 5 Year Tile & Stone 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 230.99APD: LATICRETE Lifetime Tile & Stone System Warranty
DS 025.0APD: LATICRETE 25 Year Tile & Stone System Warranty
DS 230.10APD: LATICRETE 10 Year Tile & Stone System Warranty
DS230.05APD: LATICRETE 5 Year Tile & Stone System Warranty
DS 507.0: NXT Vapor Reduction Coating
TDS 230N: NXT Substrate Preparation and Primer Guide

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