



NXT® Decoupling Mat

DS-029.4-1017

**Globally Proven
Construction Solutions**

- Entangled matrix of recycled nylon filaments provides mechanical reinforcement to achieve superior mechanical bond
- Lightweight reinforcement mat is far less cumbersome than traditional metal lath

Packaging

NXT Decoupling Mat:

8 rolls per pallet, 59 lbs (26.8 kg) per roll.

Approximate Coverage

Approximately coverage 488 ft² (45.3 m²) per 39" X 150' (990 mm x 45.7 m) roll

Shelf Life

Product should be stored in dry conditions and in the original packaging.

Limitations

- NXT Decoupling Mat is not recommended for steel-wheeled traffic.
- For interior use only.
- Do not use over dynamic joints, structural cracks or cracks with vertical differential movement.
- Do not install when surface temperature is below 40°F (4°C) or above 90°F (32°C).
- 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 a LATICRETE® Waterproofing Membrane. Contact LATICRETE Technical Services for more information.
- Not for use in submerged applications.

Cautions

Before using any NXT product:

- Check www.laticrete.com for any technical bulletins or updated information about the product and its application
- Contact your local LATICRETE Technical Sales Representative with any questions.
- Protect finished work from traffic until fully cured.
- Keep out of reach of children.

4. TECHNICAL DATA

Matrix Composition	Nylon 6
Thickness, Nominal	0.19" (4.6 mm)
Installed Weight	12.3 oz/yd ² (417 g/M ²)

Specifications are subject to change without notification. Technical data shown in NXT® product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results

1. PRODUCT NAME

NXT® Decoupling Mat

2. MANUFACTURER

LATICRETE International, Inc.

1 LATICRETE Park North

Bethany, CT 06524-3423 USA

Telephone: +1.877. 379.8351, ext. 247

Fax: +1.203.393.1684

Internet: www.laticrete.com

3. PRODUCT DESCRIPTION

NXT Decoupling Mat is mesh reinforcement bonded to a sheet comprised of polymeric fibers. Acting as both decoupling and reinforcement, NXT Decoupling Mat is part of the NXT Reinforcement Mat System when encapsulated in a NXT Self-Leveling Underlayment.

Suitable Substrates (Interior Only)

- Concrete
- Vinyl Tile
- Cement Terrazzo
- Exterior Glue Plywood
- Ceramic Tile and Stone
- Cement Mortar Beds
- Asbestos Tile
- Gypsum patches and underlayment
- Wood Plank Flooring
- Metal

Advantages

- Provides a simple and effective solution for installing floor goods in areas where contamination remediation is difficult
- Allows for in-plane movement of finished flooring systems

will depend on installation methods and site conditions. Field test results will vary due to critical job site factors.

5. INSTALLATION

Surface Preparation

Remove loose materials and sweep the substrate. Fill non-structural cracks and voids in substrate with NXT® Skim or NXT Patch to ensure that the NXT Decoupling Mat lays flat on the floor.

Note: *Substrate deflection under all live, dead and impact loads, including concentrated loads, shall comply with applicable building code and finish floor manufacturer requirements.*

Reinforcement Mat Layout

NXT Decoupling Mat includes an additional 5 inch "flap" of fabric along one of the long edges of each roll. The fabric backing of adjacent rolls should overlap while the nylon matrices of adjacent rolls will abut. When covering an entire floor it is generally best to roll out material parallel to the longest wall.

Roll-out and Cut

- It is recommended to install a perimeter isolation strip before the installation of NXT Decoupling Mat. Refer to TDS 230N NXT Substrate Preparation and Primer Guide for more detailed surface preparation and priming instructions.
- Measure and cut mat to length
- Loose lay mats on substrate to ensure coverage pattern will work
- Always install with fabric side down/matrix side up
- Align lengths so the next length will lie on top of the 5" (125 mm) "flap" of fabric

Installation

1. Place NXT Decoupling Mat on substrate fabric side down/matrix side up.
2. Use staples or spray adhesive to hold mat in place during self-leveler installation as mat may tend to curl up through the surface.
3. Apply Primer and NXT Self-Leveling Underlayment. Refer to TDS 230N NXT Substrate Preparation and Primer Guide (Priming with Multi-Purpose Primer) for more detailed surface preparation instructions.
4. NXT self-leveling underlayments must be applied at a minimum of 3/4" (19mm)

6. AVAILABILITY AND COST

Availability

For Distributor information, call:

Telephone: +1.203.393.0010

For on-line Distributor information, visit LATICRETE at

www.laticrete.com

Cost

Contact a LATICRETE Technical Sales Representative in your area.

7. WARRANTY

See 10. FILING SYSTEM

DS 230.13: LATICRETE® Product 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:

Telephone: +1.877.379.8351, ext. 247

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 501.0:	NXT® Patch
DS 506.0:	NXT Skim
DS 029.3:	NXT LEVEL Primer
TDS 230N:	NXT Substrate Preparation and Primer Guide