



# NXT<sup>®</sup> LEVEL FLOW

DS-36623F-0823

**Globally Proven  
Construction Solutions**



- Suitable surface for most finished floor goods after 48 hours
- Can be applied directly over concrete testing at RH of 100% or less per ASTM F2170
- Can be applied over Gypsum based substrates

### Supports Appropriate

### Conditionnement

Sac de 22,7 kg (50 lb)

### Couverture approximative

Nominal Thickness	Approximate Coverage
<b>1/8" (3 mm)</b>	<b>44.0 ft<sup>2</sup> (4.1 m<sup>2</sup>)</b>
3/16" (5 mm)	29.3 ft <sup>2</sup> (2.7 m <sup>2</sup> )
<b>1/4" (6 mm)</b>	<b>22.0 ft<sup>2</sup> (2.0 m<sup>2</sup>)</b>
5/16" (8 mm)	17.6 ft <sup>2</sup> (1.6 m <sup>2</sup> )
<b>3/8" (10 mm)</b>	<b>14.7 ft<sup>2</sup> (1.4 m<sup>2</sup>)</b>
7/16" (11 mm)	12.6 ft <sup>2</sup> (1.2 m <sup>2</sup> )
<b>1/2" (12 mm)</b>	<b>11.0 ft<sup>2</sup> (1.0 m<sup>2</sup>)</b>
9/16" (14 mm)	9.8 ft <sup>2</sup> (0.9 m <sup>2</sup> )
<b>5/8" (16 mm)</b>	<b>8.8 ft<sup>2</sup> (0.8 m<sup>2</sup>)</b>
11/16" (17mm)	8.0 ft <sup>2</sup> (0.7 m <sup>2</sup> )
<b>3/4" (19 mm)</b>	<b>7.3 ft<sup>2</sup> (0.6 m<sup>2</sup>)</b>
13/16" (21mm)	6.8 ft <sup>2</sup> (0.6 m <sup>2</sup> )
<b>7/8" (22 mm)</b>	<b>6.3 ft<sup>2</sup> (0.6 m<sup>2</sup>)</b>
15/16" (24 mm)	5.9 ft <sup>2</sup> (0.5 m <sup>2</sup> )
<b>1" (25 mm)</b>	<b>5.5 ft<sup>2</sup> (0.5 m<sup>2</sup>)</b>
<b>2" (51 mm)</b>	<b>2.7 ft<sup>2</sup> (0.3 m<sup>2</sup>)</b>

Coverage will vary depending on the texture of the surface. A survey is also recommended.

### Restrictions

- Do not install NXT Level Flow over particleboard, chipboard, hardboard (Masonite<sup>®</sup>), Luan panels, asbestos, gypsum-based patching materials, asphalt, coal tar, or lightweight insulating concrete, or any other dimensionally unstable materials.
- NXT Level Flow is not recommended for steel-wheeled traffic.
- For interior use only.
- Do not install when surface temperature is below 40°(4°C) or above 90°F (32°C).
- Do not install over painted surfaces.

## 1. NOM DU PRODUIT

NXT<sup>®</sup> LEVEL FLOW

## 2. FABRICANT

LATICRETE International, Inc.

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Bethany, CT 06524-3423 États-Unis

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## 3. DESCRIPTION DU PRODUIT

NXT Level Flow is a cement-based, high flowing, easy-to-use underlayment for use in leveling interior substrates. NXT Level Flow produces a flat, smooth and hard surface for the installation of finished flooring after 48 hours.

### Utilisation

- Commercial, retail (malls & shops)
- Health care, hospitals
- Education (schools & universities)
- Residential
- Hotels

### Avantages

- High flowing and easy-to-use
- Can be placed from 1/8" to 2" and tapered to zero at edges
- Pourable and pumpable
- Inorganic; will not contribute to mold/mildew growth

- Do not exceed recommended mixing ratio as indicated in mixing instructions. Over watering will weaken product properties.
- Never mix with cement or admixtures.
- Do not apply NXT Level Flow over waterproofing or crack isolation membranes.
- 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 on top of the dry NXT Level Flow.
- Not for use in submerged applications.

#### Mises en garde

- Read and understand the Product Data Sheet and Safety Data Sheet.
- Check [www.laticrete.com](http://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.
- Consult SDS for more safety information.
- Protect finished work from traffic until fully cured.
- Contains portland cement and silica sand. Causes severe skin burns and eye damage. Wear protective gloves, clothing and eye protection. In case of contact, flush thoroughly with water.
- Silica sand may cause cancer, respiratory irritation or serious lung problems. Do not breathe dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

## 4. DONNÉES TECHNIQUES

### Propriétés physiques

Test	Test Method
Pour Depth	1/8" to 2" ( 3 – 51 mm) Consult Technical Services for Depths Over 2". Can be tapered to zero at edges.
Walkable	3 to 4 hours at 70°F (21°C)
Tensile Bond Strength	200 - 275 psi (1.9 – 2.1 MPa)
ASTM C-1583	
Flexural Strength	700 - 900 psi (5.2 – 6.9 MPa)
ASTM C-1708	
Compressive Strength	1 day = 2100 psi (14.7 MPa) 7 day = 3000 (24.1 MPa) 28 day = 4000 psi (27.6 MPa)
ASTM C-1708	
Set Time	Initial @ 30 - 45min. Final @ 45 - 120min.
ASTM C-1708	
Installed Dry Weight (per square foot @ ¼" (6mm))	2.5 lbs/ft <sup>2</sup>
Flammability	Flame Spread Index: 0
ASTM E84-14	Smoke Developed Index: 0

- All results are averages.

Caractéristiques sous réserve de modification sans préavis. Les résultats présentés sont typiques, mais ils reflètent les procédures d'essai utilisées. Les performances réelles sur le terrain dépendent des méthodes de pose et des conditions locales.

## 5. POSE

### Surface Preparation

- Refer to TDS230 SUBSTRATE PREPARATION AND PRIMER GUIDE for LATICRETE SELF-LEVELING PRODUCTS for more detailed surface preparation instructions.

### Priming

- Refer to TDS230 SUBSTRATE PREPARATION AND PRIMER GUIDE for LATICRETE SELF-LEVELING PRODUCTS for more detailed dilution, approximate coverage and application instructions. Use NXT Primer, Prime-N-Bond, VAPOR BAN Primer ER or General Primer (with sand broadcast) only.

Note: Keep primed surface clean. Do not allow any foot traffic onto the surface.

### Mixing

NXT Level Flow should be mixed with 3.7 – 4.5 quarts (3.5 – 4.3 L) of water per 50 lb (22.7 kg) bag. Do not

over water. For manual application, add product to water and mix for 2 – 3 min with a heavy duty drill (650 rpm) to obtain a lump free mix. NXT Level Flow can also be used in most pump equipment. Please consult with a LATICRETE representative to verify equipment compatibility. A flow test should always be performed to ensure that the mix is homogeneous and free from separation. The ideal flow range for NXT Level Flow is 10" to 12" (or 127mm to 152 mm) using the LATICRETE® Flow Test Kit.. See TDS 235N – NXT self-leveling underlayment Flow Test - for more detailed instructions on performing flow tests.

### Application

Substrate temperature must be between 40 – 90°F (4 – 32°C) during application and air temperature maintained between 50 – 90°F (10 – 32°C). Protect areas from direct sunlight. Do not use damp curing methods or curing and sealing compounds. If required to meet level tolerances, survey surface using a digital or electronic leveling device and apply level pegs as required.

Adequate ventilation should be provided to ensure uniform drying. Pump or pour blended material onto substrate at an average thickness ranging between 1/8" – 2" (3 – 51 mm). Can be tapered to zero at edges.

### Note:

- Wood substrates need a minimum thickness of 1/2" (12 mm) and diamond lath. Immediately following placement lightly smooth the surface and pour lines. When not using elevation pins, the use of a gauge rake will assist in controlling material depth.
- Do not expose LATICRETE self-leveling underlayments to rolling dynamic loads, such as forklifts or scissor lifts, for at least 72 hours after installation at 70°F (21°C). Proper application is the responsibility of the user. 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.

Application tools offered by LATICRETE:

- 7316-LVPG-25 / LATICRETE Elevation Pins
- 7317-NIVC-HS / LATICRETE Electronic Survey Tool
- 7319-TOOL-CR / Self-Leveling Underlayment & Overlayment Tool Kit

### Flooring Installation

#### (Bold References are Hyperlinks)

- Immediately before installation of flooring, as recommended by flooring and adhesive manufacturer and in accordance **ASTM F2783 - Installation of Self-Leveling Underlayment & Preparation of Surface to Receive Resilient Flooring**, the self-leveling surface may require preparation including cleaned of all loose material by scraping, sanding, vacuuming, and primer application or a combination thereof.

- Conduct surface review including porosity tests, surface temperature, bond testing (Mat Bond Test), and other surface evaluation as required by flooring and adhesive manufacturer and in accordance with the **National Floor Covering Association (NFCA) Floor Covering Reference Manual**. Also identify and report any concerns for delaminated or loose areas, surface profile and surface flatness to project manager / General Contractor for additional surface prep, correction, adjustment before starting installation of floor covering materials.
- Always test performance, suitability, and compatibility of finished floor systems prior to their application. Conduct bond testing in accordance with flooring and adhesive manufacturer and **ASTM F3311 - Mat Bond Evaluation of Performance and Compatibility for Resilient Flooring**.
- In good drying conditions (ambient air temperature 65 – 75°F (18 - 24°C) / 40 – 60% RH) finished floor covering may be installed 48 hours after installation of NXT Level Flow.
- Non-moisture sensitive tile and stone can be applied once self-leveling underlayment is walkable, approximately 3 to 4 hours.
- Lower temperatures, higher RH, poor ventilation, and thicker self-leveling application will extend self-leveler dry time.
- NXT self-leveling products are not a vapor barrier and will allow passage of moisture vapor. Prior to installing NXT self-leveling products, the concrete must be tested for moisture conditions. If the concrete moisture conditions exceed the floor covering manufacturer's requirements for the finished flooring a moisture mitigation epoxy must be applied before installing NXT self-leveling. Use VAPOR BAN E, VANPOR BAN ER or VAPOR BAN Primer ER prior installing NXT self-leveling products.

## 6. DISPONIBILITÉ ET CÔÛT

### Disponibilité

Les produits LATICRETE® et LATAPOXY® sont proposés dans le monde entier.

### Appeler un des numéros suivants pour obtenir des informations relatives aux distributeurs:

Numéro sans frais: 1.800.243.4788

Téléphone: +1.203.393.0010

Pour obtenir de l'information en ligne de distributeurs, visiter LATICRETE à l'adresse suivante [laticrete.com](http://laticrete.com)

### Coût

Communiquez avec le distributeur LATICRETE le plus proche.

## 7. GARANTIE

Voir 10. SYSTÈME DE CLASSIFICATION:

- 1 Year Product Warranty (US - English)
- 5 Year System Warranty (US - English)
- Concrete Remediation 5 Year System Warranty (United States)
- Concrete Remediation 5 Year System Warranty (Canada - English)
- Concrete Remediation 5 Year System Warranty (Estados Unidos - Español)

## 8. ENTRETIEN

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. SERVICES TECHNIQUES

### Soutien technique

Pour tout renseignement, appeler la ligne d'aide du service technique de LATICRETE:

Numéro sans frais: 1.800.243.4788, ext. 1235  
Téléphone: +1.203.393.0010, ext. 1235  
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### Documentation technique et de sécurité

Pour obtenir la documentation technique et les consignes de sécurité, visiter notre site Web à [laticrete.com](http://laticrete.com).

## 10. SYSTÈME DE CLASSIFICATION

Des informations supplémentaires sur les produits sont disponibles sur notre site Web à [laticrete.com](http://laticrete.com). Liste des documents connexes:

- DS 502.0: NXT® Primer
- TDS 230: SUBSTRATE PREPARATION AND PRIMER GUIDE for LATICRETE SELF-LEVELING PRODUCTS
- TDS 235N: NXT Self-Leveling Underlayment Flow Test
- DS-622.6-0822 General Primer
- DS-36647 VAPOR BAN E
- DS-35216 VAPOR BAN ER
- DS-35222 VAPOR BAN PRIMER ER
- DS-307 PRIME N BOND

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