



# LATICRETE® NXT™ Level

DS-NXTL1.0-0913

**Globally Proven  
Construction Solutions**



## Packaging

20kg bags / 54 per pallet

## Colour

Grey

## Approximate Coverage

Per 20 kg bag

| Nominal Thickness | Approximate Coverage   |
|-------------------|------------------------|
| (3 mm)            | (3.70 m <sup>2</sup> ) |
| (6 mm)            | (1.85 m <sup>2</sup> ) |
| (12 mm)           | (0.93 m <sup>2</sup> ) |
| (25 mm)           | (0.47 m <sup>2</sup> ) |
| (51 mm)           | (0.24 m <sup>2</sup> ) |
| (76 mm)           | (0.16 m <sup>2</sup> ) |

## 1. PRODUCT NAME

LATICRETE® NXT™ Level

## 2. MANUFACTURER

LATICRETE UK

Speke Hall Industrial Estate

Speke, Liverpool, Merseyside, L24 1YA

United Kingdom

Tel: 0151 486 6101; Fax: 0151 448 1982

e-mail: sales@laticrete.co.uk

[www.laticrete.co.uk](http://www.laticrete.co.uk)

## 3. PRODUCT DESCRIPTION

LATICRETE NXT™ Level is a low alkaline cement-based underlayment for use in levelling interior substrates. NXT™ Level produces a flat, smooth and hard surface ready for the installation of finished flooring and its' shrink resistant properties allow it to be placed from 3mm to 76 mm in a single deep bed application.

### Suitable Substrates (Interior Only)

- Concrete
- Vinyl Tile
- Cement Terrazzo
- Exterior Glue WBP Plywood
- Ceramic Tile and Stone
- Cement Mortar Beds
- Cement Backer Board\*

\* Consult cement backer board manufacturer for specific installation recommendations.

### Advantages

- Pourable and pumpable
- Inorganic; will not contribute to mold/mildew growth
- Suitable surface for most finished floor goods
- Can be applied directly over concrete testing at RH of 95% or less per ASTM F2170

### 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.

\* High humidity will reduce the shelf life of bagged product.

### Limitations

- Do not install NXT™ Level over particleboard, chipboard, hardboard (Masonite®), Luan panels, asbestos, gypsum-based patching materials, asphalt, coal tar, or lightweight insulating concrete, or any other dimensionally unstable materials.
- NXT™ Level is not recommended for steel-wheeled traffic.
- For interior use only.
- Do not install when surface temperature is below 40°F (4°C) or above 90°F (32°C).
- Do not install over painted surfaces.
- 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 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 LATICRETE® HYDROBAN Waterproofing Membrane on top of the dry NXT™ Level.
- Not for use in submerged applications.

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

#### Cautions

- Read and understand the Product Data Sheet and Material Safety Data Sheet.
- Check [www.laticrete.co.uk](http://www.laticrete.co.uk) for any technical bulletins or updated information about the product and its application
- Consult MSDS for more safety information.
- Protect finished work from traffic until fully cured.
- Contains portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

#### 4. TECHNICAL DATA

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 due to critical job site factors.

|   |  |
|---|--|
| Pour Depth  | (3 – 76 mm)<br>Consult Technical Services for depths over 76mm |
| Walkable  | 3-4 hours at 70°F (21°C)                                       |
| Flexural Strength<br>(ASTM C 1708) 28 Day Cure    | 750 - 1000 psi (5.2 – 6.9 MPa)                                 |
| Compressive Strength<br>(ASTM C 1708) 28 Day Cure | 3300 - 3600 psi (22.8 – 24.8 MPa)                              |
| Set Time (ASTM C1708)                             | Initial @ 20 - 30 min<br>Final @ 35 - 40 min.                  |
| Installed Dry Weight (per square metre @ 6mm)     | 12.2 – 12.8 Kg/M <sup>2</sup>                                  |

#### 5. INSTALLATION

##### Surface Preparation

- Refer to TDS 230N NXT™ Substrate Preparation and Primer Guide for more detailed surface preparation instructions.
- All concrete surfaces must achieve a minimum ICRI CSP of 3.
- 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.
- Refer to specific finished flooring industry requirements or standards for treatment of movement joints and cracks in the sub-floor. 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 application and drying. Provide adequate ventilation to ensure uniform drying.

##### Priming

Use NXT™ Primer with every application of LATICRETE® NXT™ self-leveling underlayment. See DS 502.0 and TDS 230N LATICRETE® Substrate Preparation and Primer Guide for more detailed dilution, approximate coverage and application instructions.

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

#### Mixing

NXT™ Level should be mixed with 3.6 – 3.9 ℓ of water per 20 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 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 is 250 – 280 mm using the LATICRETE® Flow Test Method. 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 3–76 mm for all surfaces except structural lightweight concrete where a minimum thickness of 16 mm and wood substrates minimum thickness of 12 mm must be maintained. 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.

#### Flooring Installation

Finished floor goods may be installed as soon as 3 days after application, subject to thickness, drying conditions and type of flooring materials. Non-moisture sensitive tile and stone can be applied once self-leveling underlayment is walkable, approximately 3 – 4 hours. Always refer to finished floor manufacturer's recommendations regarding installation instructions, restrictions, moisture conditions and compatibility.

Always test performance suitability and compatibility of finished floor systems prior to their application. Sample surfaces should be installed as a field test so as to be representative of entire surface and tested for intended use.

#### Cleaning

Clean tools and masonry with water while mortar is fresh.

#### 6. AVAILABILITY AND COST

##### Availability

LATICRETE and LATAPOXY® materials are available worldwide.

For on-line Distributor Information, call 0151 486 6101 or visit

LATICRETE UK at

[www.laticrete.co.uk](http://www.laticrete.co.uk)

## 7. 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.

## 8. TECHNICAL SERVICES

### Technical Assistance

Information is available by calling the LATICRETE UK Technical Service Hotline:

Tel: 0151 486 6101

Fax: 0151 448 1982

e-mail: [sales@laticrete.co.uk](mailto:sales@laticrete.co.uk)

### Technical and Safety Literature

To acquire technical and safety literature, please visit our website at [www.laticrete.co.uk](http://www.laticrete.co.uk)

## 9. DISCLAIMER

The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.

This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.

The use of this product is beyond our control and liability is assumed by the user when used incorrectly and not in accordance with LATICRETE guidelines.

The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product.

The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional detailing is performed for specific design or any areas that fall outside the scope of this specification.

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