



**For the Builders
of a Better World™**

NXT® LEVEL SP

NXT® Level SP is a medium/coarse-sanded, pumpable and pourable, low alkali cement-based, premium self-leveling topping suitable as a high strength wear surface. The product is based on a proprietary mineral binder system that is used to finish interior concrete and level uneven floor surfaces. Apply it over concrete and other types of sound substrates before polishing



FEATURES/BENEFITS

- Available in standard colours of Grey and White
- Aggregate rich overlay with Salt and Pepper look
- Provides a durable, attractive and low maintenance cementitious wear surface grade concrete overlayment, suitable for polishing to various shine level
- Transforms rough concrete to a flat and smooth surface perfect for a polished concrete look
- Polishable to a finished wear surface in as little as 24 hours
- Formula is both pourable and pumpable to smooth existing rough concrete
- Inorganic-based formulation will not contribute to or harbour growth of mold or mildew

USES

- New construction
- Repairs to polished slabs
- Used in: malls, department stores, super markets, hotels, apartment buildings, dealerships and much more

SUITABLE SUBSTRATES

- Concrete (Interior use only)

PACKAGING/COLOUR

- 25kg bag; 56 and 80 bags per pallet
- Grey or White

MANUFACTURER

LATICRETE (Malaysia) Sdn Bhd
 #18-08, Faber Tower 2, Jalan Desa Bahagia,
 Taman Desa,
 58100 Kuala Lumpur, Malaysia
 Tel: +603 7989 9188 Fax: +603 7972 0331
 Internet: <https://ma.laticrete.com>

Approximate Coverage

Size	Thickness				
	6mm	12mm	18mm	25mm	51mm
25 KG bag	2.0 m ²	1.0m ²	0.68m ²	0.49m ²	0.24m ²

Coverage will vary depending on the texture of the surface. A survey is also recommended. 12mm is typically recommended but less can be placed if desired.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for six (6) months* if stored off the ground in a dry area, at temperatures > 0°C and < 40°C

* High humidity will reduce the shelf life of bagged product

Limitations

- Do not install over Particle board, chipboard, hardboard (Masonite), Luan panels, asbestos, gypsum-based patching materials, asphalt, coal tar, lightweight insulating concrete or any other dimensionally unstable materials
- Not recommended for steel-wheeled traffic
- For interior use only
- Do not install when surface temperature is below 4°C or above 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 over crack isolation membranes
- Consult LATICRETE Technical Services for installation over waterproofing systems
- Not for use in submerged applications
- The inherent nature of the self-levelling toppings provides unique variation from job to job. Aesthetic variations are common. Variations in the surface are outside of the control of LATICRETE and are not considered a product defect
- Cracks are common and expected with decorative cement based topping products. Cracks are not considered a product defect. LATICRETE cannot predict if or to what extent cracking will occur

- LATICRETE concrete overlay's are not intended to be perfectly homogeneous in appearance. Shade of colour may vary slightly as these use natural mined resources. The typical application procedures of spreading and smoothing, along with the sanding process, will result in optical variations in the appearance of the floor. The aesthetic appearance that is created is subject to possible technical and artistic tolerances. Variations in the overall finished appearance should be expected
- Always create a mock-up to validate actual appearance, performance and results before installing. No claims for colour shade variations will be honoured

Cautions

Before using any LATICRETE product:

- Check ma.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 Safety Data Sheet for more safety information
- Do not allow foot traffic on finished work until cured
- 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
- Contains cement. May cause severe skin burns, and serious eye damage. May cause allergic skin reaction. In case of contact, flush thoroughly with water
- Wear protective gloves / protective clothing / eye protection / face protection

TECHNICAL DATA**Performance Properties**

Test	Test Method
Pour Depth	6mm – 51mm 12mm is typically recommended polishing applications. Lower depths can be done. Consult Technical Services for average depths over 51mm
Walkable	2 – 4hours at 21°C
Flexural Strength ASTM C1708 (28 Days)	1100psi (7.6MPa)
Compressive Strength ASTM C1708 (28 days)	6000 – 7000psi (43.1 – 48.3MPa)
Set time ASTM C1708	Initial @ 30 – 60 min Final @ 60 – 120 min
Installed Dry Weight @ 6mm	13.7kg / m ²

* All results are averages

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions

INSTALLATION**Surface Preparation**

Refer to TDS 230 Substrate Preparation and Primer Guide for LATICRETE Self-Levelling Products for more detailed surface preparation instructions

Priming

When applying NXT® Level SP as a wear surface over concrete, apply a LATICRETE epoxy primer or moisture barrier with sand broadcast before the application takes place. When applying over substrates other than concrete, consult LATICRETE Technical Services

Note: If moisture is present, a moisture barrier must be used

Mixing

- Pre-condition NXT® Level SP to approved application temperature (between 10°C – 32°C)

- Mix 25kg NXT Level SP with 5L of cool, clean water
- Add product to water and mix for 2 - 3 min with a heavy duty drill (650rpm). Allow product to slake for approximately 5 min before remixing for 2 – 3 min to obtain a lump free mix

Application

Substrate temperature must be minimum 4°C during application and air temperature maintained between 10 – 32°C. Protect areas from direct sunlight. If required to meet design tolerances, survey surface using a digital or electronic levelling device and apply level pegs as required (level pegs are not recommended for wear surface applications). Adequate ventilation should be provided to ensure uniform drying. Pump or pour blended material onto substrate at an average thickness ranging between 6mm – 51mm for wear surface applications. Applications of 12mm are typically recommended but lowered depths can be done. Immediately following placement lightly smooth the surface and pour lines. When not using level pegs the use of a gauge rake will assist in controlling material depth. Do not expose NXT® Level SP to rolling dynamic loads such as forklifts or scissor lifts, for at least 72 hours after installation. 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

Sealing

When NXT® Level SP is used as a decorative wear surface a guard or topical sealer is needed to protect the floor from stains. Not that most sealers will help protect from staining however spills must be thoroughly cleaned as soon as possible. When spills are left to dwell they will eventually penetrate and cause staining. Refer to TDS 238 Polishing Guide for sealing recommendations. Refer to TDS 184 Maintenance of Decorative Overlays

Polishing

NXT® Level SP can be polished after 24hours. Refer to TDS 238 Polishing Guide for NXT® SP for more detailed information about polishing. Consult with polishing concrete contractor as there are many methods, levels of polish, and other design aspects that must be considered. Minimum recommended

thickness for polished topping is 12mm. Polishing requires a high degree of experience and craftsmanship. A suitable sized mock-up is required for obtaining owners acceptance prior to installation

Clean Up

In case of spillage, sweep or vacuum into appropriate container and dispose of in accordance with applicable local, provincial and federal regulations

AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 033

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

WARRANTY

LATICRETE (Malaysia) Sdn Bhd warrants that NXT® Level SP is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subjected to terms and conditions stated

MAINTENANCE

LATICRETE grouts require routine cleaning with a neutral pH detergent and water. All stone and tiles should be maintained and sealed with STONETECH® products as appropriate for the specific tile / stone and installation situation

All other LATICRETE materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers

TECHNICAL SERVICE/CONTACT

Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia,
Taman Desa, 58100 Kuala Lumpur,
Malaysia

Telephone: +603 7989 9188

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Email: enquiry@laticrete.com.my

Technical and safety literature

To acquire technical and safety literature, please visit our website at <https://ma.laticrete.com>