



FACT SHEET

Sika® Level-125^{CA}

VERSATILE, DURABLE AND ECONOMIC CEMENTITIOUS UNDERLAYMENT

Sika® Level-125^{CA} combines key qualities in an easy-to-use, self-levelling underlayment. It has been formulated for installation onto interior concrete, wood, ceramic tile and similar substrates where a rapid-setting, flat and cost-effective surface is required before the application of final floor finishes.

ADVANTAGES

- **Easy and quick** to install (manually or pumped).
- Zero VOC content and low odour.
- **Highly fluid and self-levelling.**
- Feather edging acceptable in pedestrian areas.
- Levels new and renovates old floors.
- Can be applied at **1 mm to 38 mm** (1/25 to 1 1/2 in) thickness with coverage of between 0.3 and 13.2 m² (3.8 and 142 ft²) per bag.
- Rapid-drying; **accepts foot traffic after 4 hours** (at 23 °C).
- Ceramic tiles and natural stone can be installed after 24 hours.
- Floor coverings (carpet, vinyl, engineered wood) can be installed after 24 -72 hours.
- **Excellent underlayment** for tiles, sheet products and wood-floor bonding systems.



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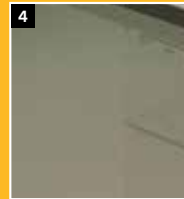
Sika® Level technology has been designed to create flat, new floors where poured concrete cannot or has not achieved the required degree of smoothness, or where wooden sub-floors need to be levelled. It is ideal for the levelling of old concrete, tiled or plywood surfaces where renovations include the installation of floor coverings which need a level substrate.

INSTALLATION GUIDE

- Concrete and cement floors are primed with Sika® Level-01^{CA} Primer, by brush or roller, which is then allowed to become translucent before applying the underlayment. Where wood, ceramic tiles, cut back (adhesive residue) and very dense substrates are to be overlaid, Sika® Level-03^{CA} Primer should be applied, by brush or roller. (Consult Sika Canada).

Coverage Rate	Sika® Level-01 Primer	Sika® Level-03 Primer
Substrate	Concrete and cement floors	Wood, ceramic tiles and dense substrates
Porous	2 coat layers - 4 to 6 m ² /L (162 to 250 ft ² /US gal.)	3 to 4 m ² /L (135 to 160 ft ² /US gal.)
Dense	1 coat layer - 8 to 12m ² /L (325 to 500 ft ² /US gal.)	5 to 9 m ² /L (200 to 366 ft ² /US gal.)

- Mixing with a mortar mixer or low-speed drill and paddle will ensure that the consistency necessary to obtain high flow with minimal water is obtained.
- Sika® Level-125^{CA} should be installed at a thickness of between 1 and 38 mm by pump, pin screed/guage rake or trowel at a rate of 0.3 to 13.2 m² (3.8 to 142 ft², depending on thickness desired). Remove entrapped air and eliminate trowel marks or installation variations using a spiked roller, working in two directions (90°), while the underlayment is fresh and flowable.
- Material self-smooths and produces a flat, level substrate for subsequent floor coverings.



TYPICAL APPLICATIONS

RESIDENTIAL PROPERTIES

Domestic properties
Condominiums
High-rise complexes

INSTITUTIONAL BUILDINGS

Schools
Universities
Hospitals
Clinics
Libraries
Galleries
Museums

COMMERCIAL PREMISES

Offices
Reception areas
Corridors
Hallways
Canteens
Cafeterias
Stores
Hotels and restaurants

To receive advice on substrate repairs, crack and joint fillers and wood floor bonding adhesives, please contact Sika Technical Services.



PRODUCT DATA

Packaging	22.7 kg (50 lb) bag		
Mix Ratio	3.9 to 4.1 L (1.04 to 1.08 US gal.) water per 22.7 kg (50 lb) bag		
Yield	13.4 L (3.5 US gal.) per 22.7 kg (50 lb) bag approx. Approximate coverage at typical thicknesses per 22.7 kg (50 lb) bag		
	1 mm (1/25 in)	13.2 m ² (142 ft ²)	
	5 mm (3/16 in)	2.6 m ² (28 ft ²)	
	10 mm (3/8 in)	1.3 m ² (14 ft ²)	
	16 mm (5/8 in)	0.8 m ² (8.6 ft ²)	
	25 mm (1 in)	0.5 m ² (5.3 ft ²)	
	38 mm (1 1/2 in)	0.3 m ² (3.8 ft ²)	
	Coverage figures do not include allowance for surface profile and porosity or material waste.		
Application Temperature (substrate and ambient)	Minimum 10 °C (50 °F)	Maximum 35 °C (95 °F)	
Working Time	25 minutes at 5 mm (3/16 in) thickness		
Setting Times ASTM C266	Initial Set	2 hours	
	Final Set	3 hours	
Walk Over Time	Foot traffic	4 hours at 23 °C (73 °F)	
Compressive Strength ASTM C109, MPa (~psi)			
	10 °C (50 °F)	23 °C (73 °F)	30 °C (86 °F)
24 hrs	10 (1450)	12 (1740)	13 (1885)
3 days	13 (1885)	14 (2030)	15 (2176)
7 days	17 (2465)	17 (2466)	23 (3336)
14 days	22 (3191)	24 (3481)	31 (4497)
28 days	25 (3626)	28 (4061)	35 (5077)
VOC Content	0 g/L		

The Information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions, within their shelflife. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

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