



PRODUCT DATA SHEET

SikaLevel®-02 EZ Primer (CA)

Acrylic Primer for use with SikaLevel® products on difficult substrates

PRODUCT DESCRIPTION

SikaLevel®-02 EZ Primer (CA) is a special acrylic primer for use on sound, smooth and nonporous substrates in interior areas. Applied prior to the use of SikaLevel® products on a variety of none-traditional substrates.

WHERE TO USE

- Smooth and low absorption concrete
- Properly prepared existing terrazzo, ceramic tiles, natural stone
- Existing substrates with properly prepared existing old carpet and vinyl composition tile (VCT) adhesive residues
- Epoxy moisture barrier
- Steel and galvanized steel
- Engineered approved plywood underlayment
- Moisture Control Primer
- Old Vinyl Composite Tile (VCT)

CHARACTERISTICS / ADVANTAGES

- Provides excellent adhesion
- Ready-to-use
- Quick dry time
- Low VOC
- Solvent free
- Suitable for application on subfloor radiant system
- Low consumption of material

PRODUCT INFORMATION

Composition / Manufacturing	Acrylic
Packaging	3.78 L (1 US gal.)
Appearance / Colour	Yellow Liquid
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage Conditions	Store dry at 5 °C to 35 °C (41 °F to 95 °F). If frozen, do not use it and dispose appropriately. Condition material to 18 °C to 30 °C (65 °F to 86 °F) before using.
Density	1,39 g/ml

Volatile organic compound (VOC) content < 10g/L (EPA method 24)

Directive 2004/42/CE - Limitation of emissions of VOC

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Pull-Off Strength

> 1.8 MPa (> 261 psi) (CAN/CSA-A23.2-6B modified*)

* Over impervious tile after 60 minutes of drying time at 23 °C (73 °F) and 50 % R.H.

APPLICATION INFORMATION

Consumption

30.2 m² to 46.4 m² (325 ft² to 500 ft²) per unit
(Coverage figures do not include allowance for surface profile and porosity or material waste)

Ambient Air Temperature

13 to 30 °C (55 to 86 °F)

Relative Air Humidity

<75 %

Substrate Temperature

13 to 30 °C (55 to 86 °F)

Open Time

48 hours

Curing Time

30 minutes (minimum) to 60 minutes (ideally)

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- For interior use only
- Do not apply SikaLevel®-02 EZ Primer (CA) on dimensionally unstable substrates
- Where substrates exhibit a Tramex reading over 4 % or a Moisture Vapor Emission Rate (MVER) or over 1.4 kg (3 lb.) per 92,9 m² (1,000 ft²) per 24 hours using a calcium chloride test (ASTM F-1869), contact Sika Technical Service department.
- Does not form a moisture barrier
- The substrate should be surface dry with a relative humidity of surrounding air low enough to allow efficient drying of the primer
- Not suitable for porous substrates, old covering with polyurethane sealing, cushion backed resilient flooring
- Must be applied within the SikaLevel®-02 EZ Primer (CA) open window or surface must be re-prepared
- Steel and galvanized steel substrates are limited to 4 m² (40 ft²) surface area. Ambient and substrate temperature should remain constant before, during and after the work is completed. Note that variation of temperature may affect the overall performance of the installation. Clean steel and galvanized steel surface should be prepared as per SSPC-SP 1 immediately before applying SikaLevel®-02 EZ Primer (CA).
- SikaLevel®-02 EZ Primer (CA) should not be used over

adhesives with pressure-sensitive characteristics (even as a residue) and should be used with caution (on-site testing required by user) over vinyl adhesives.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- All substrates must be dry, stable, sound and free of residues that can reduce adhesion such as dust, dirt, oil, grease, cement laitance, efflorescence or any contaminants or conditions that may affect adhesion or overall product performances.
- Weak surfaces should be removed. All cracks and holes should be similarly filled to prevent seepage. Repair with an appropriate Sika® repair material prior to priming and leveling.
- The compressive strength of the concrete substrate should be at least 20 MPa (2 900 psi) at 28 days with a minimum tensile strength of 1.4 MPa (200 psi) at the time SikaLevel®-02 EZ Primer is applied.
- Plywood underlayments must be a Group 1 exterior grade plywood, Select (SEL) or Select Tight Face (SEL TF) CANPLY classified exterior grade plywood conforming to CSA-0121 standard for Douglas Fir (DFP).

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- Moisture vapour emission rates of the substrate should comply and meet the requirements of the proposed floor covering. Consult the manufacturer of the final floor finish for recommendations.
- Cutback Adhesive: layers of water-soluble/resistant adhesives have to be mechanically removed. Old cutbacks can contain asbestos which is dangerous for the health so do not grind, sand or blast. Refer to the Resilient Floor Covering Institute's publication "recommended work practice for removal of resilient floor coverings" for instruction.
- Moisture vapor emission rates of the substrate should comply and meet the requirements of the proposed floor covering. Please consult the manufacturer of the final floor finish for recommendations.
- Before overall installation begins, Sika® recommends the application of several small test patches to determine primer application requirements and the acceptability of final product performance.

MIXING

Before applying, thoroughly stir the content. Ensure all solids are distributed throughout the dispersion and a uniform consistency is achieved.

APPLICATION

- Apply SikaLevel®-02 EZ Primer (CA) undiluted with a 6 mm (¼ in) nap roller, working the material into the prepared substrate.
- Typically, one single application is required. Ponding of the primer on the surface must be avoided and puddles must be removed.
- Where temperatures exceed 30 °C (86 °F), refer to and follow ACI hot weather application and protection guidelines.
- Should colder conditions prevail ≥13 °C (55 °F) and rising, allow for at least 120 minutes of drying time.
- In all cases, substrate temperature must be 3 °C (5.5 °F) above the measured dew point.

CLEAN UP

Clean tools in water immediately.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

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 in accordance with Sika's recommendations. 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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