



All loose friable material, including preparation residue, must be completely removed using an appropriate vacuum cleaner before application of the Sika® Level-03 Primer<sup>CA</sup>. The compressive strength of the concrete substrate should be at least 20 MPa (> 2900 psi) at 28 days with a minimum tensile strength of 1.0 MPa (> 145 psi) at the time Sika® Level-03 Primer<sup>CA</sup> is applied. Moisture Vapour 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 advice

#### **Plywood Subfloors:**

In circumstances involving the installation of an underlayment over plywood subfloors, ensure that the subfloor consists of at least 2 layers of exterior grade plywood (CANPLY compliant), a minimum of 32 mm (1.25 in) in thickness and meets, as a minimum, the deflection parameters of L/360 (live and dead loads taken into consideration). The plywood must then be suitably secured, bonded and prepared to a contaminant free and sound condition. Refer to the manufacturer of the final floor covering with regard to the deflection requirements of the floor finish system.

#### **Application**

Ensure that both substrate and ambient temperatures are between 10 and 35 °C (50 and 95 °F) before commencing the application of Sika® Level-03 Primer<sup>CA</sup>. The stated application temperatures are to be achieved before priming and should be maintained for a period of at least 3 days after installation of the underlayment. Should colder conditions prevail, make allowance for the use of indirect and vented heaters to achieve and maintain the application temperature required. Where temperatures exceed 30 °C (86 °F), refer to and follow ACI hot weather application and protection guidelines.

Before applying Sika® Level-03 Primer<sup>CA</sup>, thoroughly shake the container in which the material is supplied to agitate the contents, ensure all solids are distributed throughout the dispersion and a uniform consistency is achieved.

Apply Sika® Level-03 Primer<sup>CA</sup> as one coat, by brush or roller (long nap roller for rougher surfaces), working the material into the prepared surface. Apply at 4.2 m<sup>2</sup>/L (170 ft<sup>2</sup>/US gal.) on concrete and 5.6 m<sup>2</sup>/L (230 ft<sup>2</sup>/US gal.) on plywood, but avoiding ponding of the primer on the surface and removing any puddles which may form. When first applied, Sika® Level-03 Primer<sup>CA</sup> appears as a green tinted solution; once dry, it is translucent with the substrate being visible through the primer. When touching with fingers, primer should be tacky but must not transfer to fingers. This facilitates quality control in terms of complete coverage and clearly confirms when the underlayment can be installed.

To ensure proper adhesion, apply underlayment within six (6) hours of the application of the Sika® Level-03 Primer<sup>CA</sup>, but only once the primer is translucent (without opaque spots) and tacky without any transfer on fingers (typically after a minimum of one (1) hour drying time under normal environmental conditions). Lower temperatures and/or humid conditions may extend the drying time between priming coats or before installation of the underlayment.

#### **Clean Up**

Clean tools and equipment immediately with water. Once hardened, product can only be removed manually or mechanically. Wash soiled hands and skin thoroughly in hot soapy water or use Sika® Hand Cleaner towels.

#### **Limitations**

- Sika® Level-03 Primer<sup>CA</sup> is suitable for interior use only.
- When using Sika® Level-03 Primer<sup>CA</sup>, in ambient conditions over 25 °C (77 °F), store product in a cool place prior to use.
- Do not apply to substrates at temperatures below 10 °C (50 °F) as this will slow the drying and effectiveness of the primer.
- Moisture content of concrete substrate must be ≤ 5 % by mass (p.b.w. – part by weight) as measured with a Tramex® CME/CMExpert type concrete moisture meter on mechanically-prepared surface according to this product data sheet (preparation ICRI / CSP 3 - 4). If moisture content of concrete substrate exceeds 5 % by mass, contact Sika Canada.
- Engineer-approved wooden (plywood) subfloors must be at least 32 mm (1.25 in) in thickness and must be properly secured, bonded and prepared and free from contaminants and loose friable material.
- Do not apply Sika® Level-03 Primer<sup>CA</sup> or Sika® Level underlayments onto chipboard, particleboard, hardboard, metal, gypsum or dimensionally unstable substrates.
- Ponding of the primer must be avoided; ensure even distribution by brush or roller to work the primer into the substrate.
- Low temperature or high humidity will extend the drying time and the waiting time before applying the underlay.
- Sika® Level-03 Primer<sup>CA</sup> does not form a vapor barrier. For proper vapor transmission mitigation, consult Sika Canada.

#### **Health and Safety Information**

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent SAFETY DATA SHEET containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN

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](http://www.sika.ca)

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