

## PRODUCT DATA SHEET

# SikaLevel<sup>®</sup>-025 Patch

### RAPID SETTING, POLYMER MODIFIED, CEMENT-BASED PATCHING COMPOUND

#### PRODUCT DESCRIPTION

SikaLevel<sup>®</sup>-025 Patch is a fast drying, self-curing, polymer-modified, cement-based patching compound that rapidly develops high compressive strength. Use for smoothing, leveling, patching, and filling cracks, holes and voids in concrete and approved wood underlayments prior to the installation of floor coverings. From featheredge to ½" floor coverings can be installed 1 hour after application. Mix with Sika<sup>®</sup> Latex R to use as an embossing leveler or patch over properly prepared vinyl sheet goods, vinyl composition tile (VCT), cement terrazzo, and residual cutback adhesive surfaces.

#### USES

- Skim coating unfinished, rough-textured concrete and approved wood underlayments
- Filling minor voids, holes, and cracks in concrete and approved wood underlayments
- For both interior and exterior patching and leveling from 1/16" to 1/2"
- Suitable for use with radiant heating systems
- For use with SikaBond<sup>®</sup> adhesives with solid and engineered hardwood

#### RECOMMENDED SUBSTRATES

##### When mixed with water:

- Properly prepared cutback and carpet adhesive residue
- Fully bonded, properly prepared ceramic and porcelain tile
- A single layer of properly prepared, fully bonded VCT and felt-backed sheet vinyl
- Can be installed over a substrate measuring less than 98% RH and allowed to dry 18 hours prior to encapsulation

##### When mixed with Sika<sup>®</sup> Latex R:

- Mix SikaLevel<sup>®</sup>-025 Patch with Sika<sup>®</sup> Latex R and use as an embossing leveler or as a patch to fill voids over properly prepared existing cement terrazzo, ceramic tile, VCT, or non-cushioned, fully adhered residential sheet vinyl flooring, cutback and carpet adhesive residues.

#### CHARACTERISTICS / ADVANTAGES

- For use on concrete and plywood substrates
- Levels and smooths substrates prior to the installation of floor covering
- Ideal for patching and leveling from 1/16" to 1/2"
- Easy to prepare and quick to apply
- Fast drying, foot traffic in 30 to 60 minutes
- Repairs new and renovate old floors
- Apply over properly prepared cutback, embossed resilient vinyl floors and existing ceramic tile
- Excellent standard of finish can be achieved to allow direct application of coverings
- Mold and mildew resistant

## ENVIRONMENTAL INFORMATION

Sika® is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product can contribute towards LEED® v4.1 certification:

- Up to 2 points towards MR Credit 5, Regional Materials
- Up to 1 point towards IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants

## APPROVALS / STANDARDS

American National Standards Institute (ANSI) — ANSI A108.01 and A108.02 of the American National Standards for the Installation of Ceramic Tile ASTM International (ASTM)

- ASTM C109 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2" or 50mm Cube Specimens)
- Resilient Floor Covering Institute - (RFCI) Recommended Work Practices for Removal of Resilient Floor Coverings
- Tile Council of North America (TCNA) - TCNA Handbook for Ceramic Tile Installation, TCNA EJ171 Movement Joint Guidelines.

## PRODUCT INFORMATION

<b>Chemical Base</b>	Portland cement, selected aggregates, water retention additives, re-dispersible polymer
<b>Packaging</b>	25 lb. (11.34 kg.) bag
<b>Appearance / Color</b>	Gray powder
<b>Shelf Life</b>	12 months from date of production when stored in original, sealed package
<b>Storage Conditions</b>	Store in undamaged, original, sealed package, in dry conditions at 73° F (23° C)

## APPLICATION INFORMATION

<b>Mixing Ratio</b>	3 quarts (2.85 liters) of clean potable water per bag				
<b>Coverage</b>	▪ 25 lb. bag will cover 25 - 30 sq.ft. at 1/8" thickness; 12.5 - 15 sq.ft. at 1/4" thickness.				
<b>Layer Thickness</b>	<table><thead><tr><th>Min</th><th>Max</th></tr></thead><tbody><tr><td>1/16" (1.6 mm)</td><td>1/2" (13 mm)</td></tr></tbody></table>	Min	Max	1/16" (1.6 mm)	1/2" (13 mm)
Min	Max				
1/16" (1.6 mm)	1/2" (13 mm)				
<b>Substrate Temperature</b>	40 – 95 °F (4 – 35 °C)				
<b>Pot Life</b>	10 - 20 minutes Temperature will affect pot life: <ul style="list-style-type: none"><li>• Above 73 °F (23 °C) will reduce the pot life and the working time</li><li>• Below 73 °F (23 °C) will extend the pot life and the working time</li></ul>				
<b>Final set time</b>	30 - 60 minutes				

## BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## LIMITATIONS

- Do not use as a final wear surface.
- Do not install over substrates containing asbestos.
- Do not use below 40° F (4° C) or above 95° F (35° C).
- Do not allow patch to freeze for the first 72 hours.
- Do not apply over gypsum based substrates, self-stick tile, particleboard, or similar types of dimensionally unstable substrates.
- Do not use to fill existing expansion or control joints.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

### DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

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## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

All surfaces must be between 40° F (4° C) to 95° F (35° C) and structurally sound (deflection not to exceed 1/360 of the span), dry, clean and free from oil, grease, wax, paint, old adhesives, sealers and curing compounds. Any contaminates which inhibit proper bond must be removed. Concrete must be free of any negative hydrostatic pressure and/or excessive moisture.

Protection: Protect from traffic, dirt or dust from other trades until the final installation of the floor covering.

### MIXING

In a clean container, add approximately 3 quarts (2.85 liters) of clean potable water. Then add the contents of the 25 lb. (11.34 kg) bag of SikaLevel®-025 Patch. Mix thoroughly by hand or with a slow speed mixer (300 rpm or less) to a smooth, lump free consistency. Avoid air entrapment and prolonged mixing which will shorten pot life. Do not overwater. Mix only enough SikaLevel®-025 Patch that can be used in 20 minutes. During use, stir mix occasionally. Do not add additional water.

### APPLICATION

Read all installation instructions before installation. Apply the mixed SikaLevel®-025 Patch immediately by using a flat edged trowel to force the initial coat into the substrate. Finish SikaLevel®-025 Patch to the desired thickness and smoothness. Avoid excessive heat or drafty conditions during curing period. Use water on the trowel to make the finishing of the mixture easier but do not over trowel. If material becomes too stiff to work, discard. Drying time is 30 to 60 minutes depending on ambient temperature and thickness. Any ridges or unevenness left in the patch can be scraped smooth with the clean flat edge of a trowel or sanded after a hard set.

### CLEANING OF TOOLS

Clean tools and tile with water before the material dries.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
[usa.sika.com](http://usa.sika.com)

**Sika Mexicana S.A. de C.V.**  
Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537



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