

Sika® Everset® Type II

Epoxy Adhesive and Crack Filler

Description Sika® Everset® Type II is a two-component, 100% solids epoxy gel. It is fast drying and suitable for use on both horizontal and vertical surfaces.

Where to Use

- Ideal for bonding to concrete, steel, wood and tiles.
- An excellent non-shrinking permanent crack filler for concrete, wood and steel.
- "Pick Proof" Sealant.

Advantages

- Durable and impervious to water.
- 100% solids, odourless.
- Colour-coded to ensure uniform mixing.
- Self-primed, excellent adhesion to concrete.
- Non-sag characteristic.
- Easily applied.
- May be sanded within 6 to 12 hours after mixing.
- Product recognized by the British Columbia Ministry of Transportation (BC MoT)

Technical Data

Packaging	5 L (1.32 US gal.) unit	
Colour	Concrete Grey	
Yield		
Joint size	6 x 6 mm (1/4 x 1/4 in):	1 L covers 25 linear metres (1 US gal. covers 310 linear feet)
	13 x 13 mm (1/2 x 1/2 in):	1 L covers 6.2 linear metres (1 US gal. covers 76 linear feet)
Tile bedding	6 x 6 mm (1/4 x 1/4 in) notched trowel: 2 m ² (21.5 ft ²)/unit Mixed with equal volume silica sand: 4 m ² (43 ft ²)/unit	
Shelf Life	2 years in original, unopened packaging. Store dry between 5 and 32°C (41 and 89°F). Condition product between 18 and 25°C (65 and 77°F) before using.	
Mix Ratio	A:B = 2:1 by volume. If additional filler is required, silica flour or silica sand may be mixed in until desired consistency is reached. (Caution: Avoid over-mixing any filler so that the material becomes too dry to provide adequate adhesion).	
Properties at 23°C (73°F) and 50% R.H.		
Pot Life	30 min	
Drying Time	4 - 6 hrs	
Full Cure*	7 days	

*Lower application temperatures will lengthen the cure time.

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.

How to Use

Surface Preparation

New concrete - Surface must be clean, dry and sound. Remove dust, laitance, grease, curing compounds, impregnations, waxes, foreign particles and disintegrated materials, by shotblasting or other mechanical means. Surface and room temperature shall be 10°C (50°F) or higher during application and curing period.

Old Concrete - Floor must be dry, sound and free of all contaminants, sealers, etc.

Plywood - Fir plywood 13 mm (1/2 in) minimum is suitable when securely fastened to a solid substrate. Nail on 150 mm (6 in) centres around perimeter and 300 mm (12 in) centres in the field. Lay out sheets with a 3 mm (1/8 in) space between the sheets.

Terrazzo - Grind to remove all terrazzo sealer and wax, and proceed as with new concrete.

Steel - Sandblast or grind to white metal. Apply Sika® Everset® Type II immediately after preparation to prevent rusting.



Mixing	Pre-mix each component. Proportion by volume 2 parts of component A and 1 part of component B into a clean pail. Mix thoroughly for 3 minutes with paddle on low-speed drill (300 - 450 rpm), until gel is a uniform colour. Mix only that quantity that can be applied within its pot life.
Application	To fill cracks, spread the mixed Sika® Everset® Type II out onto a nonporous surface to extend the working time. Using the appropriate spatula or trowel, force Sika® Everset® Type II into the voids and finish by smoothing it flush with the adjoining surfaces. On vertical applications when filling larger cracks or holes, the addition of 5% silica flour is recommended to aid the trowelling and prevent sag. For bonding spread Sika® Everset® Type II with a notched trowel and apply overlay while material is still tacky.
Clean Up	Collect with absorbent material, flush with water. Dispose of in accordance with local disposal regulations. Uncured material can be removed with local disposal regulations. Uncured material can be removed with Sika® Equipment Cleaner. Cured product can only be removed mechanically.
Limitations	<ul style="list-style-type: none"> ■ Minimum/Maximum substrate temperature 10°C/30°C (50°F/86°F). ■ Maximum relative humidity during application and cure: 85%. ■ Substrate temperature must be 3°C (5.5°F) above the measured dew point. ■ Moisture content of the substrate must be < 4% when coating is applied or use Sikafloor® 81 EpoCem^{CA}. ■ Do not apply to porous surfaces where moisture vapour transmission will occur during application. ■ Not suitable for use on exterior, slab-on-grade concrete substrates. ■ Protect from dampness, condensation and water contact during the initial 24 hour cure period. ■ Surface may discolour in areas exposed to constant ultra violet light. ■ Do not hands mix Sikafloor® materials / mechanical mix only.
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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data. KEEP OUT OF REACH OF CHILDREN FOR INDUSTRIAL USE ONLY

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 shelf life. 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under www.sika.ca.

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