

## Sikadur® 340

High-modulus, high-strength, primer for SikaWrap PreSaturated systems

<b>Description</b>	Sikadur 340 is a two-component 100% solids, moisture-tolerant, high strength, high modulus epoxy primer for use with SikaWrap PreSaturated systems
<b>Where to Use</b>	<ul style="list-style-type: none"><li>For use as a seal coat and primer with SikaWrap PreSaturated Structural Strengthening Systems for vertical, horizontal and overhead applications.</li></ul>
<b>Advantages</b>	<ul style="list-style-type: none"><li>Long pot life.</li><li>Long open time.</li><li>Easy to mix.</li><li>Moisture tolerant</li><li>High strength, high modulus adhesive.</li><li>Excellent adhesion to concrete, masonry metals, wood and most structural materials.</li><li>Thixotropic version ideal for overhead applications.</li><li>High temperature resistance.</li><li>High abrasion and shock resistance.</li><li>Solvent-free, VOC compliant.</li></ul>
<b>Coverage</b>	As a primer: 140 ft <sup>2</sup> /gal. (~10 mils)
<b>Packaging</b>	1 gallon unit (1 pail of "A"; 2 cannisters of "B")

### Typical Data (Material and curing conditions @ 73°F (23°C) and 50% R.H.)

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

<b>Shelf Life</b>	2 years in original, unopened container.
<b>Storage Conditions</b>	Store dry at 40°-95°F (4°-35°C). <b>Condition material to 65°-75°F (18°-24°C) before using.</b>
<b>Color</b>	Clear, amber.
<b>Mixing Ratio</b>	Mix entire unit, do not batch.
<b>Viscosity</b>	300 - 550 cps
<b>Gel Time</b>	90 minutes
<b>Tack Free</b>	3 hours
<b>Glass Transition Temp. (T<sub>g</sub>)</b>	208°F (98°C)/140°F (60°C) post cure
<b>Service Temperature Range</b>	-40° to 140°F (-40 to 83°C)

### Mechanical Properties (Min. 7 day cure @ 73°F (23°C) and 50% R.H.)

<b>Tensile Strength (ASTM D-638)</b>	5,580 psi (38.5 MPa)
<b>Tensile Modulus (ASTM D-638)</b>	2.7 x 10 <sup>5</sup> psi (1,862 MPa)
<b>Elongation @ Break (ASTM D-638)</b>	1.5%

PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT [HTTP://USA.SIKA.COM/](http://usa.sika.com/) OR BY CALLING SIKA'S TECHNICAL SERVICE DEPARTMENT AT 800.933.7452 NOTHING CONTAINED IN ANY SIKA 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 DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.



## How to Use

<b>Surface Preparation</b>	The concrete surface should be prepared to a minimum concrete surface profile (CSP) 3 as defined by the ICRI-surface-profile chips. Localized out-of-plane variations, including form lines, should not exceed 1/32 in. (1 mm). Substrate must be clean, sound, and free of surface moisture. Remove dust, laitance, grease, oils, curing compounds, waxes, impregnations, foreign particles, coatings and disintegrated materials by mechanical means ( i.e. sandblasting). For best results, substrate should be dry. However, a saturated surface dry condition is acceptable.
<b>Mixing</b>	Pre-mix "A" component. Mix entire unit, do not batch. Pour contents of both cannisters of part 'B' to part 'A'. Mix thoroughly for 3 minutes using a jiffy style mixer on low speed (400-600 rpm) drill until uniformly blended.
<b>Application</b>	Apply mixed Sikadur 340 epoxy to a properly prepared substrate using a brush, roller or airless sprayer. Sikadur 340 should be applied at a rate of approximately 10 mils. Coverage rates are based on a substrate with normal porosity.
<b>Limitations</b>	<ul style="list-style-type: none"> <li>■ Minimum substrate and ambient temperature 40°F (4°C).</li> <li>■ Do not thin with solvents.</li> <li>■ Material is a vapor barrier after cure.</li> <li>■ Minimum age of concrete must be 21-28 days depending on curing and drying conditions.</li> <li>■ Not an aesthetic product. Color may alter due to variations in lighting and/or UV exposure.</li> <li>■ DO NOT LEAVE MIXED EPOXY IN MASS; MATERIAL MAY GET HOT</li> <li>■ Moisture content of the substrate must be 4% or less when measured using Tramex.</li> </ul>
<b>Clean Up</b>	Ventilate area. Confine spill. Collect with absorbent material. Dispose of in accordance with current, applicable local, state and federal regulations. Uncured material can be removed with approved solvent. Cured material can only be removed mechanically.

**PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT [HTTP://USA.SIKA.COM/](http://usa.sika.com/) OR BY CALLING SIKA'S TECHNICAL SERVICE DEPARTMENT AT 800.933.7452 NOTHING CONTAINED IN ANY SIKA 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 DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.**

**KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY**  
 All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at [www.sikausa.com](http://www.sikausa.com) or by calling 800-933-7452.

**Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Material Safety Data Sheet which are available online at [www.sikausa.com](http://www.sikausa.com) or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use.**

**LIMITED WARRANTY:** Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKASHALL NOT BELIEVE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKASHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Visit our website at [www.sikausa.com](http://www.sikausa.com)

1-800-933-SIKA NATIONWIDE

**Regional Information and Sales Centers.** For the location of your nearest Sika sales office, contact your regional center.

**Sika Corporation**  
 201 Polito Avenue  
 Lyndhurst, NJ 07071  
 Phone: 800-933-7452  
 Fax: 201-933-6225

**Sika Canada Inc.**  
 601 Delmar Avenue  
 Pointe Claire  
 Quebec H9R 4A9  
 Phone: 514-697-2610  
 Fax: 514-694-2792

**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



Sika and Sikadur are registered trademarks.  
 Printed in Canada.

