

## 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%

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## 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.

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