



# SikaQuick®

## REPAIR MORTARS

BUILDING TRUST



# PRODUCT PORTFOLIO

A range that covers all repair applications

## SikaQuick® 1000



### FEATURES

- Repair material for parking structures and building slabs.
- Full and partial depth patching repairs.

### ADVANTAGES

- Extended working time.
- Rapid hardening (ASTM C-928).
- Freeze/thaw resistant.
- Easy to use, labor-saving material.
- Not gypsum-based.
- High early strength.
- Open to foot traffic after 4 hours.
- Vehicle traffic after 6 hours (at 73°F).

## SikaQuick® 2500



### FEATURES

- Repair material for roadways, bridges, and ramps.
- Full and partial depth patching repairs.

### ADVANTAGES

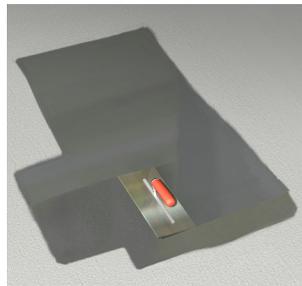
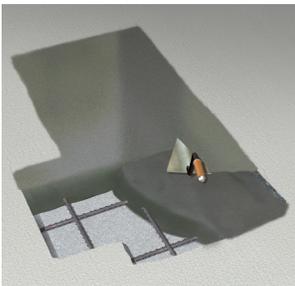
- Very rapid hardening (ASTM C-928).
- Freeze/thaw resistant.
- Easy to use, labor-saving material.
- Not gypsum-based.
- High early strength.
- Open to foot traffic after 45 minutes.
- Vehicle traffic after 1 hour (at 73°F).

### KEY PHYSICAL PROPERTIES

Properties	PDS Values	Test Method
<b>Initial Set</b>	40-90 min.	ASTM C266
<b>Final Set</b>	60-120 min	ASTM C266
<b>Shrinkage</b>	<0.05%	ASTM C157
<b>Compressive Strength</b>		
3 hrs	1250 psi	ASTM C109
1 day	4000 psi	ASTM C109
28 day	7000 psi	ASTM C109
<b>Bond Strength</b>		
1 day	1750 psi	ASTM C882
28 day	2500 psi	ASTM C882

### KEY PHYSICAL PROPERTIES

Properties	PDS Values	Test Method
<b>Initial Set</b>	12-24 min.	ASTM C266
<b>Final Set</b>	20-40 min	ASTM C266
<b>Shrinkage</b>	<0.05%	ASTM C157
<b>Compressive Strength</b>		
3 hrs	2500 psi	ASTM C109
1 day	5700 psi	ASTM C109
28 day	8500 psi	ASTM C109
<b>Bond Strength</b>		
1 day	1800 psi	ASTM C882
28 day	2700 psi	ASTM C882



	Application	Lift Depths	Shrinkage
<b>SikaQuick® 1000</b>	Horizontal	1" - Neat 6" - Extended	Very Low
<b>SikaQuick® 2500</b>	Horizontal	1" - Neat 6" - Extended	Very Low
<b>SikaQuick® VOH</b>	Vertical/Overhead	3" - Vertical 2" - Overhead	Very Low
<b>SikaQuick® Smooth Finish</b>	Vertical/Overhead	1/2" - Maximum	Low

## SikaQuick® VOH



### FEATURES

- Fast repairs to overhead and vertical concrete surfaces.
- For building facades, parking structures, industrial plants, bridges, etc.
- Fast setting repair material for new construction defects.

### ADVANTAGES

- Minimal time between lifts.
- Fiber reinforced and polymer modified.
- Contains corrosion inhibitor.
- 3 inches on vertical surfaces.
- Overhead thickness up to 2".
- High early and ultimate strength.
- Freeze/thaw durability and resistance to deicing salts.

### KEY PHYSICAL PROPERTIES

Properties	PDS Values	Test Method
<b>Initial Set</b>	20-25 min.	ASTM C266
<b>Final Set</b>	30-40 min	ASTM C266
<b>Shrinkage</b>	<0.05%	ASTM C157
<b>Compressive Strength</b>		
1 day	>2000 psi	ASTM C109
28 day	5500 psi	ASTM C109
<b>Bond Strength</b>		
1 day	1000 psi	ASTM C882
28 day	2000 psi	ASTM C882



## SikaQuick® Smooth Finish



### FEATURES

- Sand-free repair and reprofiling mortar.
- For tilt up panels, precast, cast in place, concrete block and masonry.

### ADVANTAGES

- Minimal time required between lifts.
- Ultra smooth consistency; Easy to apply.
- Fast finishing time, sanded and painted same day.
- Time/labor-saving material; apply up to 1/2" inch on vertical surfaces in one layer.
- Easy to use; just add water.
- High bond strength ensures excellent adhesion.
- Interior and exterior applications.
- Precast grey color.

### KEY PHYSICAL PROPERTIES

Properties	PDS Values	Test Method
<b>Working Time</b>	Approx. 30 minutes	N/A
<b>Finishing Time</b>	1 hour	N/A
<b>Lift Height</b>	1/2" Max	N/A
<b>Time Between Lifts</b>	15 - 60 minutes*	N/A
<b>Compressive Strength</b>		
1 day	1000 psi	ASTM C109
28 day	>2000 psi	ASTM C109
<b>Bond Strength</b>	> 250 psi (substrate failure)	ASTM C1583



Bond Strength	Epoxy Overcoat	Unit Weight	Yield
2500 psi	6 hours*	50 lbs	0.42 cu.ft.
2700 psi	4 hours*	50 lbs	0.43 cu.ft.
2000 psi	6 hours*	44 lbs	0.41 cu.ft.
> 250 psi (ASTM C1583)	4-6 hours*	50 lbs	115 sq.ft. at 1/16"

\*Subject to Ambient Conditions & Application Thickness

# SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



SEALING AND BONDING



REFURBISHMENT



ROOFING



WATERPROOFING



CONCRETE



FLOORING



## Contact Sika:

Phone: 1-800-933-SIKA (Nationwide)

Website: [www.usa.sika.com](http://www.usa.sika.com)

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**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 201-933-8800  
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

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