Sikadur[®] 23, Lo-Mod Gel

Low-modulus, paste-consistency, epoxy resin binder

Description	Sikadur [®] 23, Lo-Mod Gel, is a 2-component, 100% solids, moisture-tolerant, low-modulus, non-sag paste-consistency, epoxy resin binder. It conforms to the current ASTM C-881 and AASHTO M-235 specifications.
Where to Use	 Use as a binder for epoxy mortar repairs. As a pick-proof sealant around windows, doors, lock-ups, etc., inside correctional facilities, schools and institutions.
Advantages	 Non-sag consistency. Convenient easy to mix ratio A:B = 1:1 by volume. Moisture-tolerant epoxy adhesive binder.
Coverage	1 gal. of mixed Sikadur [®] 23, Lo-Mod Gel, when mixed with 1 part by loose volume of oven-dried aggregate, yields approximately 346 cu. in. of epoxy mortar.
Packaging	4-gal. units

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.

Shelf Life	2 years in origi	aal unononod	containors			
	, .					
Storage Conditions	Store dry at 40' using.	°-95°F (4°-35°)	C). Condition materia	l to 65°-75°F (18	°-24°C) before	
Color	Concrete gray.					
Mixing Ratio	Component 'A':	Component 'E	3' = 1:1 by volume.			
Consistency	Non-sag paste.					
Pot Life	Approximately	45 minutes. (2	00 gram mass)			
Tensile Properties Mortar 1:1 (ASTM D-638) 14 day Tensile Strength Elongation at Break Modulus of Elasticity			2,400 psi (16.5 MPa) 1.0 % 6.1x10⁵ psi (4,206 MP	6.3%	2,000 psi (13.8 MPa) 6.3%	
Flexural Properties M 14 day Flexural Stre Tangent Moo	•	Rupture)	3,900 psi (26.9 MPa) 6.8x10⁵ psi (4,688 MP	4,800 psi (3 'a) 4.71x10⁵ ps	3 MPa) i (3,247 MPa)	
Shear Strength Morta 14 day Shear Streng			3,300 psi (22.7 MPa)	3,000 psi (2	1 MPa)	
Water Absorption Nea 7 day (2 hour Boil)	· · ·	(0.4%			
Deflection Temperatu 14 day [fiber stress			102°F (39°F)			
Bond Strength (ASTM 2 day (dry cure) Bo 14 day (moist cure)	nd Strength	:	hardened concrete 2,600 psi (17.9 MPa) 1,700 psi (11.7 MPa)			
Compressive Proper Compressive Streng 40°		(ASTM D-695) 73°F* (23°C)		Neat 73°F* (23°C)	90°F* (32°C)	
8 hour -	()	-	3,500 (24.1)	-	-	
16 hour -		3,300 (22.7)	· · · ·	120 (0.83)	960 (6.6)	



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/ OR BY CALLING SIKA'S TECHNICAL SERVICE DE-PARTMENT 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 CUR-RENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.

	3 day 7 day 14 day 28 day	100 (.69) 2,200 (15.2) 7,300 (50.3) 7,400 (51.0)	5,600 (38.6) 6,500 (44.8) 7,100 (48.9) 7,200 (49.6)	5,800 (40.0) 5,800 (40.0) 5,900 (40.7) 6,000 (41.4)	2,900 (20.0) 4,600 (31.7) 5,000 (34.5) 5,150 (35.5)	1,800 (12.4) 3,600 (24.8) 3,800 (26.2) 3,900 (26.9)
	Compressive			psi (2,758 MPa)	1.28x10⁵ psi	(883 MPa)
	* Cured and tested	at the temperatures indicate	d.			
How to Use Surface Preparation		e clean and sound. It i compounds, impregna				e dust, laitanc
	Concrete - Sho	ould be cleaned and pre		laitance and conta	minant free, open t	extured surfac
		g or equivalent mecha	nical means.			
	by blastcleaning	be cleaned and prepa		plastcleaning other	r equivalent mecha	anical means
Mixing	by blastcleaning Steel - Should a shiny metal fin Pre-mix each c a clean pail. Mix in color. Slowly	be cleaned and prepa	n equal quantities b tes with a Sika pao ose volume of an o	by volume of Comp ddle on a low-spee ven-dried aggrega	oonent 'A' and Cor d (400-600 rpm) d te to 1 part of mix	nponent 'B' in Irill until unifor ed Sikadur® 2
Mixing Application	by blastcleaning Steel - Should a shiny metal fin Pre-mix each c a clean pail. Mix in color. Slowly Lo-Mod Gel, an As a mortar - A from deepest to As a pick-proo	be cleaned and prepa nish. component. Proportion x thoroughly for 3 minu add up to 1 part by lo	n equal quantities b utes with a Sika pac ose volume of an o consistency. Mix on Lo-Mod Gel morta ke off level. mated or manual r	by volume of Comp ddle on a low-spee ven-dried aggrega ly that quantity tha r using a trowel. W nethod. Apply an a	oonent 'A' and Cor d (400-600 rpm) d tte to 1 part of mix tt can be used with /ork material into s	nponent 'B' in Irill until unifor ed Sikadur® 2 iin its pot life. urface. Fill vo

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/ OR BY CALLING SIKA'S TECHNICAL SERVICE DE PARTMENT 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 CUR-RENT 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, FOR PROFESSIONAL USE ONLY.

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

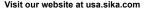
Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at http://usa.sika.com/ or by calling Sika's Technical Service Depart-ment at 800-933-7452. 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 Product Data Sheet, product label and Safety Data Sheet prior to product use.

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 Product 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 MECHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDERANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL 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. SALE OF SIKA PRODUCT'S ARE SUBJECT SIKA'S TERMS AND CONDITIONS OF SALE AVAILABLE AT HTTP://USA.SIKA.COM/ OR BY CALL BRO CALLING 201-933-8800.

> Fracc. Industrial Balvanera Corregidora, Queretaro

Phone: 52 442 2385800 Fax: 52 442 2250537

C.P. 76920



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

1-800-933-SIKA NATIONWIDE

Regional Information and Sales Centers. For the location of your nearest Sika sales office, contact your regional center. Sika Mexicana S.A. de C.V. Carretera Libre Celaya Km. 8.5



Sika and Sikadur are registered trademarks Printed in Canada

