



FAST LANE

DESCRIPTION AND USES:

FAST LANE is a high modulus, high strengths epox gel designed to anchor dowel and tie bars into concrete pavement. It can also be used to bond miscellaneous materials to concrete. Useful for:

- Bonding miscellaneous materials to concrete
- Bonding precast segments
- Setting parking bumpers
- Grouting dowel bars, bolts, pins, etc.

ADVANTAGES:

- No V.O.C's
- Easy To Work With Gel
- High Strengths
- Moisture Insensitive
- Excellent Bond Strengths

CONFORMS TO:

- ASTM C-881
- Type II
- Grade 3
- Class B&C

PACKAGING:

- 2 Gallon Units
- 10 Gallon Units
- 22 oz. "Quick-Mix" Cartridges

TYPICAL PHYSICAL PROPERTIES AT 77°F (25°C):

MIX RATIO A:B		1:1 by volume
VISCOSITY		Non-Sag Gel
COLOR		Concrete Gray
POT LIFE 73°F (23°C)	60 gram mass	7-9 minutes
COVERAGE	Neat Smooth Surfaces Rough Surfaces	231 cubic inches per gallon 1/8" thick = 12 sq. ft. per gallon 6 sq. ft. per gallon

CURED PROPERTIES (STRENGTHS IN P.S.I.)

COMPRESSIVE STRENGTH	ASTM D-695	6,265
TENSILE STRENGTH	ASTM D-638	3,275
ELONGATION	ASTM D-638	1.9%
SHORE HARDNESS	D SCALE	84
WATER ABSORPTION	ASTM D-570	.8%

APPLICATION TECHNIQUES:

MATERIAL CONDITIONING: Pre condition materials 65°-85°F (18°-29°C) before using.

SURFACE PREPARATION: Surface must be clean and free of any dust, oil, grease, laitance, curing compounds, or any other contaminants. This should be achieved by sandblasting, waterblasting, or some other mechanical means.

MIXING CONSIDERATIONS: Pre-mix each component. Measure exactly 1 parts "A" to 1 part "B" by volume into a clean pail. Only mix the amount of material that can be used within the pot life. Mix epoxy for three minutes using a low speed drill with a mixing paddle (never mix by hand). Scrape the sides and bottom of the pail while mixing.

NOTE: Large batches of epoxy will set up much faster than small batches. Longer mixing times may be required in cooler weather.

INSTALLING MATERIAL:

GROUTING BOLTS AND ANCHOR BARS- Hole size should be no more than 1/8" larger than bar bolt. Clean all dust out of hole and grout with neat Fast Lane. The use of automatic meter/mix equipment or "Quick-Mix" cartridges is recommended.

THEORETICAL YIELD PER CARTRIDGE*

BAR SIZE	BAR NUMBER	HOLE DIAMETER	HOLE DEPTH	HOLES PER 22oz. CARTRIDGE
3/8"	#3	1/2"	3"	154"
		1/2"	4"	115"
		1/2"	5"	92"
1/2"	#4	5/8"	4"	89"
		5/8"	5"	71"
		5/8"	6"	59"
5/8"	#5	3/4"	6"	49"
		3/4"	7"	42"
		3/4"	8"	36"
3/4"	#6	7/8"	6"	41"
		7/8"	7"	35"
		7/8"	8"	31"
		7/8"	9"	27"
7/8"	#7	1"	7"	30"
		1"	8"	26"
		1"	9"	23"
		1"	10"	21"
1"	#8	1-1/8"	8"	23"
		1-1/8"	9"	21"
		1-1/8"	10"	19"
		1-1/8"	11"	17"
		1-1/8"	12"	15"

*Calculate actual yield to be approximately 75% of figures listed above

LIMITATIONS: Do not use solvents to thin.
Minimum application temperature is 40° F (4° C).
Minimum age of concrete should be 28 days.

STORAGE: We recommend storage in a dry environment at temperature between 40° to 90° F (4° to 32° C). Ideally, storage temperature should be at 65° to 75° F (18° to 24° C). Temperatures below 60°F (16°C) will cause epoxy to thicken making it difficult to properly blend the components. Under proper conditions, the shelf life is twelve (12) months in unopened, damage-free containers.

PROTECT FROM MOISTURE. DO NOT ALLOW PRODUCT TO FREEZE.

WARNINGS: "A" material may cause skin irritation. Contains epoxy resins.
"B" material may cause severe burns on skin. Contains amines.

FIRST AID: Skin Contact - Wipe off contaminated area and wash with soap and water.
Eye Contact - Immediately flush eyes with large amounts of water for 10 minutes. Get medical attention.
Inhalation - Move to fresh air if symptoms occur. If breathing is difficult, get medical attention.
Ingestion - If conscious give two glasses of milk or water. Get medical attention.
See MSDS for more information.

CLEAN UP: Clean equipment with MEK or Xylene immediately after use. Clean skin with soap and water. Wash contaminated clothing before re-use.

WARRANTY: Prime Resins warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.

If you have any questions or comments about any of Prime Resins products or application techniques you may contact us directly at 800-321-7212, Monday through Friday 8:00 A.M. to 5:00 P.M. Eastern Time.

MPG FastLane-6/04-1M



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