



## PRIME BOND 3200 LOW MOD

### DESCRIPTION:

PRIME BOND 3200 LOW MOD is a two component, 100% solids, general purpose epoxy binder/bonding agent.

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### APPLICATIONS:

Binder for epoxy mortar used to overlay horizontal surfaces.  
Binder for broadcast aggregate as a skid resistant coating.

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### ADVANTAGES:

Good Flexibility  
Moisture Insensitive  
Low Viscosity

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### CONFORMS TO:

ASTM C-881  
Type III  
Grade 1  
Class B & C

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### PACKAGING:

2 Gallon Units  
10 Gallon Units

**PHYSICAL PROPERTIES AT 77° F (25° C)**

MIX RATIO A:B	1:1 By Volume		
VISCOSITY	450 c.p.s.		
COLOR	Gray		
POT LIFE	100 gram	1/2 gallon	Tack Free (20 mils)
90° F (32° C)	20 min	18 min	3 hrs
73° F (23° C)	32 min	28 min	4 hrs
50° F (10° C)	2 hrs, 10 min	46 min	15 hrs
COVERAGE	(Neat 10 mils) (With 5 parts Prime Blend Sand)	160 square feet per gallon 0.37 cubic feet per gallon of mixed epoxy	

**TEST DATA (STRENGTHS REPORTED IN P.S.I.)**

TENSILE STRENGTH	ASTM D-638	3,480
TENSILE MOE	ASTM D-638	4.29 x 10 <sup>5</sup>
BOND STRENGTH	ASTM C-882	1,100 (2 day) 2,100 (14 day)
ELONGATION	ASTM D-638	54%
SHORE HARDNESS	A SCALE	90
ABRASION RESISTANCE (CS17 WHEEL, 1000 GRAM LOAD, 5,000 CYCLES) WEIGHT LOSS	ASTM D-4060	3.18 GRAMS

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## APPLICATION TECHNIQUES:

**MATERIAL CONDITIONING:** Pre-condition materials to 65° - 85° F (19° - 30° 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 other mechanical means.

**MIXING CONSIDERATIONS:** Pre-mix each component. Measure exactly 1 part "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. Use a 3/4 horsepower drill for mixing epoxy mortar.

NOTE: Large batches of epoxy will set up much faster than small batches.

## INSTALLING MATERIAL:

**EPOXY MORTAR** - Prime the prepared surface with neat Prime Bond 3200. Add up to five parts oven dried aggregate (Prime Blend Sand). Place the mortar before the primer becomes tack free. Compact and finish the mortar with a trowel. Keep trowel clean using M.E.K. or Xylene.

**BROADCAST AGGREGATE COATING** - Apply material to floor at a rate of 80-100 square feet per gallon with squeegee immediately after mixing is done. Back roll with a high quality roller. Apply aggregate by hand or spreading machine at a rate of 1/2 pound per square foot. Once the epoxy is cured, vacuum up excess aggregate and repeat the process. One or two seal coats may be applied at a rate of 120 square feet per gallon.

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- LIMITATIONS:** Do not use solvents to thin.  
Do not alter mix ratio.  
Minimum application temperature is 40° F (5° C).  
Minimum age of concrete must be 28 days.  
Forms a vapor barrier after cure.
- STORAGE:** Store in a dry environment at a temperature between 40° to 90° F (4° to 32° C). Ideal temperature range is 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 defect 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 the 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 AM to 5:00 PM Eastern Standard Time.

TDS-3200-07/05



***"Innovations in Infrastructure Repair Technology"***

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