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A GIBRALTAR INDUSTRIES COMPANY 

Epoxy-Loc 2100 DATA

PRODUCT DESCRIPTION.....

100% solids, two component, moisture insensitive epoxy. Formulated to meet many jobsite conditions. Meets ASTM C-881. Designed to be used where consistently high strength adhesive is required. The perfect epoxy: Low cost, high quality.

GENERAL USES.....

EPOXY-LOC 2100 is ideally suited for a wide range of applications requiring strength and durability including:

- Anchoring threaded rod or rebar into concrete.
- Waterproof sealant.
- Anchoring vibrating equipment.
- Gel crack injection for large cracks.
- Support brackets for rail projects.
- Expansion joint anchors.
- Surface patching and spall repair.
- Tilt up wall braces.
- Water and wastewater treatment projects.
- Bearing plates.
- Bonding between existing and new concrete.
- Injection port placement & cap seal.
- Pick proof caulking for security sealant.

FEATURES.....

- Excellent chemical resistance.
- Low odor, low toxicity, non-shrink.
- Easy to use; No setting tools required.
- High strength, aggressive bonding formulation.
- Reliable: nozzle mixes two components completely.
- Made in the USA.
- Easy troweling when used as a spall repair.
- Moisture insensitive.
- 100% solids.
- Strong, dependable tools – pneumatic dispenser or hand operated for easy use.
- Fast curing.

MATERIAL STORAGE.....

Store material on pallets or shelves in temperatures above 50°F.

SHELF LIFE.....

1 year in properly stored, unopened containers.

CONSISTENCY.....

Mixed (ASTM C-881) 1/8 inch (max)

FORM / COLOR.....

A Component (Resin)	Black Gel
B Component (Hardener)	White Gel
Mixed	Gray Gel

CURED PROPERTIES.....

Compressive Strength (ASTM D 695)	12,000 psi min	2 days cure at room temperature.
Tensile Strength (ASTM D 638)	4,000 psi min	7 days cure at room temperature.
Tensile Elongation (ASTM D 229)	1.2 % (min)	
Heat Deflection Temperature (ASTM D 648-82)	120°F min	
Meets ASTM C 881-83	Types 1, 2, 4 & 5, Grade 3, Class B & C	

BOND STRENGTH.....

Slant/Shear Strength (ASTM C-881) 3,000 psi min 7 days cure (epoxy) at room temperature.

PRECAUTIONS.....

Read warning on cartridge and refer to Material Safety Data Sheet prior to use.

WARRANTY.....

United Steel Products Company warrants its products to be free from defects in material and workmanship. Said products are further warranted as to adequacy of design, provided products are used in strict accordance with United Steel Products Company's current published design limits and are installed in a workmanlike manner. (Said warranties do not apply in the event products are cut, notched, welded, drilled or in any way altered). No warranty applies if deterioration occurs due to environmental conditions. United Steel Products Company's obligations under this warranty shall be limited to the replacement or repair of those products demonstrated to be defective. Such remedy shall constitute Customer's sole and exclusive remedy and Customer hereby agrees that no other remedy (including, but not limited to claims for INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, OR ANY CAUSE, LOSS, ACTION, CLAIM OR DAMAGE, INCLUDING LOSS OF TIME, WHATSOEVER, OR INJURY TO PERSON OR PROPERTY OR ANY OTHER CONSEQUENTIAL DAMAGE OR INCIDENTAL OR ECONOMIC LOSS) shall be available to Customer whether said claims be asserted on the basis of warranty, negligence, strict liability or otherwise. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL SUCH OTHER WARRANTIES BEING HEREBY EXPRESSLY EXCLUDED.