



Epoxy.com Product #22

Pourable and Pumpable Epoxy Mortar

DESCRIPTION:

Epoxy.com Product #22 Pourable and Pumpable Epoxy Mortar is a moisture insensitive, two-component, 100% solids epoxy resin. This material is specifically designed for use with the Epoxy.com Fiberglass Systems & Shapes. **Product #22 Pourable and Pumpable Mortar** can also be used as self-leveling flooring. It has a long potlife for easy pumping and exhibits exceptional flow.

ADVANTAGES:

- ✚ Cures underwater
- ✚ Easy 2 "A" Resin to 1 "B" mix ratio
- ✚ Will bond to wet or dry surfaces
- ✚ Will produce a grout of impact resistant quality on concrete, steel, timber and aluminum.
- ✚ It produces strengths 2 to 3 times greater than concrete.

PHYSICAL PROPERTIES:

Color	Dark Tan
Compressive Strength, Grout	1 day - 4,400 psi (30.3 MPa)
ASTM C 579 Method B	3 days - 6,500 psi (44.8 MPa)
Compressive Modulus of Elasticity (ASTM C 469)	7 days - 9,500 psi (58.6 MPa)
Density	7 days - 2,500,000 psi
Flexural Strength ASTM C 293	130 lbs. per cubic foot (kg per liter)
Tensile Strength, Grout ASTM C 307	7 days - 3,500 psi (24.1 MPa)
Tensile Strength, Resin ASTM D 638	7 days - 2,200 psi (15.2 MPa)
Tensile Bond Strength	7 days - 6,200 psi (42.8 MPa)
Shrinkage ASTM C 531	345 psi (2.4 MPa)
Absorption ASTM C 413	0.02%
Pot Life @ 70° F (21.1° C)	0.08%
	Approximately 35-45 min

SURFACE PREPARATION:

For best results, areas to receive the **Epoxy.com Product #22 Pourable and Pumpable Epoxy Grout** should be free of laitance. Grease, oil or other contaminants that would inhibit bond. See www.epoxy.com/surfaceprep.htm for detailed surface preparation recommendations..

MIXING:

Combine (2) two gallons A Component with one (1) gallon B Component, mix with a low speed drill and **Epoxy.com -Mixing Paddle** for two minutes. Add (3) 50 lb. bags of the C Component. Mix until uniform. Scrape sides and bottom to ensure thorough mixing. Pump or pour immediately after mixing. If greater flow is required, use less filler.

APPLICATION:

Apply when ambient temperatures are 40F and above. Pump or pour **Epoxy.com Product #22 Pourable and Pumpable Epoxy Grout** into wet or dry annular void between a jacket or form and the existing structure. is easily pumped with a progressive cavity pump. For higher flow, the amount of C component can be decreased to two (2) bags for 3 gallons of mixed epoxy.

COVERAGE:

3 gallons of mixed **Epoxy.com Product #22 Pourable and Pumpable Epoxy Grout** with (3) 50 pound bags of C component will yield approximately +/- 2,400 cubic inches (39.3 liters) of grout. Using less C component will increase the flow and lower the yield.

SHELF LIFE:

1 year minimum

PACKAGING:

Epoxy.com Product #22 Pourable and Pumpable Epoxy Grout is available in 3 gallon units (2 gallons A Component, 1 gallon B Component plus (3) 50 lb. bags C Component) or a 15 gallon unit (10 gallons A Component, 5 gallons B Component plus (15) 50 lb. bags C Component).

LIMITATIONS:

Epoxy.com Product #22 Pourable and Pumpable Epoxy Grout should not be used when ambient or surface temperature is below 40° F (4° C). Lower temperatures slow the set time and reduce its ability to flow. Friction from pumping can accelerate setting time.

CAUTION:

"A" Component contains epoxy resin. DANGER! "B" Component contains alkaline amines; strong sensitizer. "C" Component contains silicon dioxide. Avoid breathing dust. Liquids may cause skin sensitization or other allergic responses. Use with good ventilation, particularly if material is heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves and/or barrier creams. Keep container closed when not in use. Wash thoroughly after handling.

FIRST AID:

In case of skin contact, immediately wash with soap and water. In case of eye contact, flush eyes with copious amounts of water for at least fifteen (15) minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention. Wash clothing before reuse.

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

For more information please contact:

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