



ECOPOXY PASTE

HEAVY DUTY EPOXY BONDING AGENT

Build Greener • Build Better

PRODUCT DESCRIPTION

Ecopoxy Paste is a strong, flexible, impact resistant, non-shrinking bonding agent which combines ecologically friendly resins with natural minerals to create a strong structural adhesive for bonding almost any substrate to concrete, steel, wood, ceramic, fiberglass or foams.

Ecopoxy Paste is a two-component bondable paste suitable for overhead and vertical bonding and embedment. **Ecopoxy Paste** is specifically formulated with optimum compressive and tensile strength for use under severe conditions of heavy shock and vibration.

KEY ADVANTAGES

- + Excellent resistance to salt and fresh water, salt spray, weathering and most acids, alkalis, solvents, oils and fuels.
- + Mixed at a simple ratio 1:1 mix ratio with color indicators to ensure a thorough mix.
- + Will adhere to concrete, steel, stone, brick, ceramic, epoxy, fiberglass and wood.
- + Will not break down under rolling loads.
- + Dependable bonding and curing when applied to almost any surface
- + LEED Compliant

PRIMARY APPLICATIONS

- + Bridges
- + Dams
- + Pipelines
- + Loading docks
- + Piers
- + Rock footings
- + Mines
- + Manholes
- + Sewer or septic tanks
- + Buildings
- + Spillways

PHYSICAL PROPERTIES

PROPERTY	ECOPOXY PASTE
Mix Ratio by Volume	100:100
Total Solids	100%
Mixed Viscosity	650,000 cps
Mixed Color	Gray
Minimum Application Temperature	10°C (50°F)
Maximum Service Temperature	85°C (185°F)
Coverage @ 3mm	0.3 mm/ L 13 sq. ft / Gal
Gel Time @ 25° C (77°F)	30 minutes (500g mixture)
Working Time @ 25° C (77°F)	30 minutes (500g mixture)
Tack Free Time @ 25°C (77°F)	3 Hours (500g mixture)
Tensile Strength	4,000 psi average
Compressive Strength	15,000 psi minimum

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APPLICATION GUIDELINES

Mixing Instructions

Thoroughly mix A & B differently colored components prior to application. Stirring for 5 minutes until the product contains no visible streaks is recommended.

Specific Applications

- + Concrete to Concrete: Repairing cracks, horizontal or vertical, in slabs, pools, tanks, or ponds.
- + Assembling intricate pre-cast concrete sections.
- + Steel to Concrete: Embedding reinforcing bars vertical or horizontal into drilled concrete.
- + Steel to Fiberglass
- + Steel pipe fittings
- + Septic tanks
- + Fiberglass pipelines.
- + Heavy Traffic Transition Strips
- + Metal expansion joints to concrete for bridges
- + Tiles concrete floors.
- + Securing Aggregate
- + Bonding to steel or concrete to prevent slippage of asphalt on steel decks and stairs.
- + High wear safety applications.
- + Bonding Steel or Cement to Rock
- + Installing loading ramps and walkways on rocky shores.
- + Bonding Asphalt
- + Reflectors and plezo strips for highways, bus lanes, parking lots, etc.

STORAGE, SHIPPING & HANDLING

Store product in a dry location in factory sealed containers at 60 to 90°F. Product shelf life is minimum 12 months in factory-sealed containers. **Ecopoxy Paste** is Class 55, not regulated by USDOT shipping regulations.

SAFETY

Refer to Material Safety Data Sheets.

DISCLAIMER

The technical data and any other printed information furnished by Ecolink Products Group, Inc. is true and accurate to the best of our knowledge. This product conforms to Ecolink's in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, over-spray or injuries resulting from the use of this product. Ecolink Products Group, Inc. makes no warranty, expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.