

EVA-POX® EPOXY PASTE 22

Eva-Pox® Epoxy Paste No. 22 is a 100% solids two component, moisture tolerant, highly thixotropic epoxy adhesive / patching material.

E®-POXY
Patching Epoxies

PRODUCT DESCRIPTION:

Eva-Pox® Epoxy Paste No. 22 is a 100% solids two component, moisture tolerant, modified epoxy paste specifically designed for patching small spalls in vertical and overhead concrete or steel surfaces. The product may also be used as a bonding agent between typical construction products in limited applications. For application at temperatures down to 50°F (10°C). Meets ASTM C-881, Type I & II, Grade 2, Class B & C.

FEATURES	BENEFITS
Thixotropic paste	Applied up to 3" thick in one lift
1:1 mix ratio	Easy proportioning
Pick proof	ideal for sealing around protrusions in prisons
Excellent bond strength	Use as a non-sag bonding agent in vertical applications

USES:

Application

- Patching vertical, overhead and horizontal surfaces
- Filling strip seal cavities for our strip seal repair application utilizing our preformed joint materials.
- Patching spalls in expansion joint substrate prior to the installation of our preformed joint materials
- Bonding typical construction materials together
- Setting ports and sealing the surface of cracks in epoxy injection applicitons
- As a pick proof sealant around windows, doors, lockups etc.

Location

- Bridges, Highways, & Tunnels
- Parking Structures
- Commercial Buildings
- Water Treatment Facilities
- Prisons

Substrate

- Elastomeric Concretes
- Cured Concrete
- Steel
- Wood

SURFACE PREPARATION:

Concrete: All oils, grease, dirt, waxes, existing coatings, curing compounds, heavy laitance and sharp edges or protrusions must be removed. New concrete should cure 80% of the design strength. Sandblasting of surfaces is highly recommended.

Steel: Surfaces must be clean, sound and sandblasted to a near white metal (SSPC-10) finish immediately before the application of the bonder and not the day before.

NOTE: Galvanized steel, aluminum, and any other specialty metal requires an acid etching primer after surface preparation.

TECHNICAL DATA			
Properties:	Part A	Part B	Mixed
Color:			
Gray	White	Dark Green	Gray
Mixing Ratio (By Vol.)	1	1	1:1
Density, (lbs./gal.) @ 77°F	12.7±0.5	8.7±0.5	11.3±0.5
Viscosity, (cps.): @77°F (25°C)	Thixotropic Paste		
Gel Time (200 gms.)	20±5 mins		
Initial Set @ 77°F	1 1/2 - 2 hrs		
Initial Cure	8 - 12 hrs		
Full Chemical Cure	7 days		
Properties After Cure:			
Compressive Strength 24 Hour 7 Day	ASTM D695		3000 psi 6475 psi
Hardness Shore D	Shore D		60±10

MIXING:

Separately mix Components A and B thoroughly. Mix 1 part of Component A with 1 part of Component B in a clean plastic or metal pail. Mix for approximately 3 minutes using a drill with mixing paddle. Ensure that the finished mix is uniform in color and there is no marbling. Mix only what may be applied within the given pot life of the batch. Warmer weather, as well as larger batches, decreases the pot life of the mixed material.

APPLICATION:

Eva-Pox® Epoxy Paste No. 22 may be applied by trowel or bulk gun. After completion of surface preparation, apply product at amount specified in coverage section. Tool product to desired finish. If the depth of the patch is greater than 2-3 inches ((50-75mm) please apply the product in multiple lifts.

WARRANTY

Manufacturer WARRANTS that the product conforms to its chemical description and is reasonably fit for the purpose stated on its Technical Bulletin when used in accordance with its directions. Manufacturer makes NO OTHER WARRANTY either expressed or implied. Buyer assumes all risk in handling. For further Technical or Application Information, contact Chase Construction Products



EVA-POX® EPOXY PASTE 22**E®-POXY**
Patching Epoxies**COVERAGE:**

When used as a crack sealer for epoxy injection or a bonding agent between construction products @ 70°F: 10 sq.ft./gallon @ 120 mils.

When used as a patching material the unit will yield two gallons or 462 cubic inches.

PACKAGING

Unit size: 2 Gallons

Case: 2 Units or 4 Gallons

LIMITATIONS:

- Minimum substrate temperature is 50°F (10°C).
- Do not thin with solvents
- Maximum area of a single patch is 32 cubic inches or an area of approximately 4"x4"x2". Areas in excess of this can generate thermal cracking during the curing process.
- **This product is not recommended for use as a structural bonding agent which includes anchoring and doweling under sustained loads.**

CAUTION:

Direct contact with skin should be avoided as it can cause skin irritation. Protective clothing, goggles and gloves are recommended. In case of direct contact with the skin, wash with soap and water. In case of accidental contact with eyes, flush immediately with plenty of water and report to a doctor. Fatal if taken internally. Keep away from open flame.

CLEAN UP:

Uncured material can be removed with an approved solvent. Follow solvent manufacturers instructions for use and warnings. Cured material can only be removed mechanically. In case of a spill, ventilate area and contain spill with absorbent materials. Dispose of in accordance with current and applicable local, state and federal law.

SHELF LIFE:

2 Years

STORAGE CONDITIONS:

Materials must be kept in a dry area at temperatures between 50°F and 95°F (10°C - 35°C) in the original unopened containers during all phases of delivery, storage and handling.

DO NOT ALLOW PRODUCT TO FREEZE

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