

GREYCOAT EPOXY

INSTALLATION INSTRUCTIONS



Description:

GreyCoat Epoxy is a premium 100% solids epoxy that offers outstanding chemical resistance and lasting durability with adhesion to concrete substrates and metal surfaces. Prepackaged as a no mess coating system that offers excellent coverage and is shrink resistant. GreyCoat is excellent for rehabilitating a manhole bench or structural spot repair. The epoxy can build up to ¼ inch (250 mils) without sag and exceeds the most demanding engineered specifications.

Application Advantages:

- Patent pending delivery method
- 100% solid monolithic structural epoxy
- Structural integrity
- 15 minute working time @ 70° F
- 30 minute set time with 24-hour final cure time
- Wet film thickness will equal dry film thickness
- May be applied at temperatures between 40° F and 120° F
- Shelf life of 3 years
- Superior adhesion in damp humid areas and surfaces
- May be applied to a variety of substrates
- Unique two-part bagging system

Environmental:

- Zero VOCs, CFCs or HFCs
- Solvent free
- Zero shrinkage
- No environmental leaching
- Odorless
- Less Waste

Typical Uses:

GreyCoat is designed for structural repair of manholes, wet wells, vaults or any structure. GreyCoat will protect against H₂S and other chemicals and gases found in the sanitary sewer system. Primarily used to repair damaged concrete, GreyCoat also has superior adhesion to metal. The viscosity of GreyCoat will allow application on vertical and overhead surfaces.

IMPORTANT NOTICE

- Installer must examine and determine whether the damaged area is repairable. Consult factory if necessary.
- The epoxy used is affected by temperature. Keep in a cool place. Working and curing time will be affected by temperature and thickness of the epoxy. **The thicker the epoxy the less working and curing time. The thinner the epoxy the more working and curing time.**

Kit Contents

- 2- Source 1 Coatings GreyCoat Epoxy (2 part mix in bag)
- 2- Pair disposable nitrile gloves
- 1- Disposable trowel
- 1- Instruction sheet



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READ COMPLETELY BEFORE BEGINNING

STEP 1 Inspection & Surface Preparation: Surface must be clean and free of oils, grease, rust scale, deposits, and other contaminants.

CONCRETE- Thoroughly rinse surface and remove standing water. Pressure wash substrate / wire wheel metal surfaces to remove loose debris and contaminants.

Clean substrate area with antibacterial degreaser cleaner (GC-3 by Source 1 Environmental is recommended).

Thoroughly rinse substrate with water and remove standing, pooled or flowing water areas. It is recommended that active infiltration be stopped with a hydrophobic polyurethane grout (SealGuard)

STEEL- Abrasive blasting to white metal or other mechanical stripping methods (wire brush) to a 1.5 mil profile. Dry surface to be coated.

STEP 2 Mixing GreyCoat: Put on both pair of gloves. Remove center clip from the GreyCoat. **DO NOT DISCARD CENTER CLIP PIECES.** Hand knead/mix thoroughly until GreyCoat has consistent gray color.

IMPORTANT: ONCE THE CONTENTS OF THE BAG ARE MIXED IT MUST BE APPLIED TO THE SURFACE OF THE MATERIAL TO BE REPAIRED. PLEASE REFER TO THE GreyCoat DRY/SET TIME CHART.

After part A and part B are thoroughly mixed the activated mixture will begin to react. The reaction causes heat. Follow the Time Chart for working time:

GreyCoat DRY/SET TIME	
TIME	GreyCoat TEMPERATURE
5 Minutes	70° F
10 Minutes	90° F
13 Minutes	150° F
15 Minutes	Discard contents
2 Hour	Cured to touch
7 Days	Full cure

CAUTION: When components are mixed together the volume of the mixture can reduce the reaction time and causes excess heat. Always have secondary containment for contents to be placed in.

STEP 3 Attach Center Clip Handle: Laying the bag flat you will see along one side of the bag there is a cut-out area. Install the two piece CENTER CLIP from Step 2 between the cut area on the bag to use as a handle.

STEP 4 Apply GreyCoat: Cut off one corner of the bag. Holding the bag flat against the surface, use the supplied trowel to squeeze out a small amount of GreyCoat and apply a skim coat to fill voids in substrate. Add more GreyCoat until the repaired area is covered to desired thickness.

Optional technique for smooth finish: Once GreyCoat has been applied use a wet sponge and gently go over finished area.

STEP 5 Repeat: Continue steps 2-4 for second bag of GreyCoat.

STEP 6 Clean Up: Use acetone or lacquer thinner to clean. (Check local regulations and use solvents safely.) Dispose of GreyCoat materials in normal trash.

Step 7 Re-Coat: If necessary, it may be reapplied within the first 24 hours. Repeat steps 2 through 4. To reapply after 24 hours, etch surface with 36 grit sandpaper. Repeat steps 2 through 4.



Inspect and prepare surface



Remove center clip divider separating contents



Thoroughly mix contents to a consistent color



Re-attach center clip as handle



Cut off corner of bag to apply contents



Spread contents using supplied trowel