

DESCRIPTION

Ecocrete Epoxy Thickener powder is a proprietary formulation utilizing Mixed Mineral Thixotrope (MMT) technology whose particles are surface modified for epoxy compatibility. Using the differences in form and structure of the minerals creates spacing of the particles that makes it disperse very rapidly. Unlike other organically MMT, it exhibits far superior ease of use, ease of dispersion, high efficiency and performance without undesirable increased viscosity.

Characteristic of its high efficiency and exemplary performance, Ecocrete Coating's epoxy products require 25-50% less MMT type Epoxy Thickener powder to maintain or improve sag resistance without the increased viscosity associated with thixotropes like fumed silica, polyamides, organoclays and hydrogenated castors.

TYPICAL USES

- Cove Base
- Patching compound
- Certain vertical surfaces
- Crack repair

STORAGE & INSTALLATION @ 75°F

Storage Environment	Dry area, 40-85°F
Application Temperature, ambient	50-95°F
Pot Life*	~15 minutes
Working Time*	~30 minutes
Shelf Life	1 year
Dry Time for Recoat	8-10 hours

*When mixed with Epoxy Clear

Material cures more slowly at cooler temperatures and working time will be substantially reduced at higher temperatures. The optimum temperature for installation of this product is 65-85°F. Contact Ecocrete Coatings if temperatures are outside this range. At lower temperatures, the material will be more viscous and difficult to move, requiring more effort to install it. At elevated temperatures, the material will cure more quickly, so installer will need to work accordingly.

CONSIDERATIONS & LIMITATIONS

- 1) Prepare substrate according to 'Surface Preparation' section of this document.
- 2) Always use protective clothing, gloves, dust mask/respirator, and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest or inhale. Refer to Safety Data Sheet for detailed safety precautions.
- 3) If using the Moisture Barrier Primer system, substitute Epoxy Primer for Moisture Barrier Primer.
- 4) For industrial/commercial use. Installation by trained personnel only.

EPOXY THICKENER

TECHNICAL DATA SHEET & APPLICATION INSTRUCTIONS

MIXED MINERAL THIXOTROPE CLAY ADDITIVE

BENEFITS

- Easy to use
- Sag resistant
- High performance
- Superior stability

PACKAGING & COVERAGE

- 8 lb Pail
- ~200-300 lf/pail @ 4" cove
- ~150-200 lf/pail @ 6" cove

🌀 SURFACE PREPARATION

When used for cove base:

- The surface must be clean and sound, free from dirt, oil, grease, and any other contaminants that may inhibit bond.
- All vertical surface irregularities and cracks should be properly addressed prior to application.
- Properly cover areas not to receive product.
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When used for patching/crack repair:

- Route out crack(s) with diamond crack chaser and vacuum clean.
- The surface must be clean and sound, free from dirt, oil, grease, and any other contaminants that may inhibit bond.

Refer to Ecocrete's Surface Preparation Guidelines for detailed instructions available at www.ecocretecoatings.com.

🌀 MIXING & APPLICATION STEPS

• MIX RATIOS:

- Epoxy Clear or Epoxy Primer – 3A : 2B (by volume)
- Cove Base mix: 80 oz Mixed Epoxy Clear with 2 qts Epoxy Thickener and 4-5 qts of Quartz aggregate
- Patch mix: 40 oz Mixed Epoxy Primer and 2 qts Epoxy Thickener

FOR COVE BASE:

- 1) Apply Cove Base strips or termination edging where needed.
- 2) Pre-mix each component separately prior to mixing together; cleaning the mixing paddle before switching products to not cross contaminate.
- 3) Make an 80 oz mix of Epoxy Clear by mixing Part A with Part B (according to ratio) for 3 minutes, scraping the sides and bottom of mixing container, with a power drill and mixing paddle. Once mixed pour into 5 gallon pail.
- 4) Add 2 qts Epoxy Thickener and gradually add 4-5 qts of Quartz until completely mixed to the appropriate consistency.
- 5) Apply Cove Base mixture with a 6" taping knife.
- 6) Use a spray bottle filled with denatured alcohol and spray cove so trowel moves smoothly across material.
- 7) Smooth cove with a 1/2" to 1" radius cove trowel.
- 8) Allow to cure.

FOR PATCHING/CRACK REPAIR:

- 1) Pre-mix each component separately prior to mixing together; cleaning the mixing paddle before switching products to not cross contaminate.
- 2) Make a 40 oz mix of Epoxy Primer by mixing Part A with Part B (according to ratio) for 3 minutes, scraping the sides and bottom of mixing container, with a power drill and mixing paddle.
- 3) While mixing, gradually add 2 qts Epoxy Thickener until all the Epoxy Thickener is completely mixed into the Epoxy Primer to the appropriate consistency.
- 4) Apply mix to patches/cracks with a 6" taping knife or square trowel – pulling flush or leaving slightly high.
- 5) Allow to cure.
- 6) Grind smooth for best results.

🌀 CARE & MAINTENANCE

Refer to Ecocrete's Care & Maintenance Guidelines available at www.ecocretecoatings.com.

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