

DESCRIPTION



CEMENTINA is a single component, ready to use water base decorative epoxy mortar. Easily applied by hand trowel or Propela power trowel. Two coats are recommended for this application.

FEATURES AND BENEFITS

- ✓Quick-drying: Allows Policrete sealers installation after 90 to 120 minutes.
- ✓Easily applied with power trowel, hand trowel and roller.
- ✓No trowel marks and easy to sand.
- ✓No odor: Great for confined spaces.
- ✓Available in 6 standard colors and custom colors.

INDUSTRY STANDARDS AND APPROVALS

LEED v4 Points Contribution **LEED Points**
 Health Product Declaration (HPD)* Up to 2 points.

Using this product may help contribute to LEED certification of projects in the category shown above. Points are awarded based on contributions of all project materials.

WHERE TO USE

✓Residential and commercial interior and exterior floors and walls.

LIMITATIONS

- ✓Do not use over structural cracks, in-plane cracks wider than 1/8" (3 mm) or where vertical out-of-plane movement occurs.
- ✓Do not use over dimensionally unstable substrates such as hardwood flooring, oriented strand board (OSB), substrates containing asbestos, or metal. See the "Suitable Substrates" section below.
- ✓Do not use where excessive substrate moisture and/or negative hydrostatic pressure exists.
- ✓Do not use with premixed setting materials.
- ✓Do not allow direct contact with solvent-based materials.
- ✓Do not use in extreme freeze/thaw conditions.
- ✓Do not apply when the substrate temperature is at or below the dew point.

SUITABLE SUBSTRATES

- ✓Concrete (cured at least 28 days)
- ✓Cured cement mortar beds or leveling coats.
- ✓Cement backer units (CBUs) – see manufacturer's installation guidelines.
- ✓Properly prepared radiant-heated substrates (interior only).
- ✓Properly prepared ceramic tile, porcelain, cement terrazzo floors.

Note: Existing unglazed ceramic tile must be abraded, and existing cement terrazzo must be mechanically profiled. Both substrates must be skim coated with Prisma, Baseal primers.

•Exterior-grade plywood (for interior residential floors and countertops in dry conditions only).

SURFACE PREPARATION

- ✓All substrates must be structurally sound, stable, clean and free of any substance or condition that may reduce or prevent proper adhesion.
- ✓Apply POLICRETE PRISMA primer to increase adhesion of top coat to the surface.
- ✓Do not use chemicals (acid etching or stripping) to prepare approved substrates.

✓Concrete substrates should have an International Concrete Repair Institute (ICRI) concrete surface profile (CSP) of #2. Mechanically clean and profile by diamond-cup grinding or another engineer-approved method when necessary.

✓Substrate and ambient temperatures must be between 45°F to 75°F during and at least 24 hours after application.

✓Fill all cracks and gaps that are greater than 1/32" (1 mm) with an appropriate filler material. Force the material into cracks, finish it smooth with a trowel and let it dry.

MIXING

- ✓Product is ready to use. Stir thoroughly with a mixer for 2 minutes to place the solids content evenly in suspension. before application.
- ✓Do not dilute with any other material.

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Apply CEMENTINA at a wet film thickness of 20 mils (about the thickness of a credit card). Apply it to the entire area using a power trowel or hand trowel. Let it dry. The final dry film thickness should be at least 15 mils (about the thickness of a business card).
2. Inspect the installation and apply a second coat after sanding and vacuuming first coat. Let it dry.
3. Promptly wash tools with water after product use.

EXPANSION AND CONTROL JOINTS

- Provide for expansion and control joints as specified per TCNA Method EJ171 or per TTMAC Specification Guide 09 30 00, Detail 301MJ. Do not cover expansion joints with cement mortar.
- Protect POLICRETE work with metal strips (edge metal) along both edges of structural building expansion joints.

Remove any excess CEMENTINA (while fresh) with a damp sponge, soap and warm water. Any completely dried material may be mechanically removed.

PROTECTION

- ✓Protect the installation from foot traffic, rain and freezing for 24 hours.
- ✓Protect the installed CEMENTINA from contamination, excessive heat and extended sun exposure until the finish flooring is installed.

INSTALLING

✓CEMENTINA is ready to receive Policrete sealers when it is dry over 90-120 minutes.

Product Performance Properties at 73°F (23°C) and 50% relative humidity

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|---|--------------------------------|
| Viscosity | 90-100 KU. |
| Flash point (Seta flesh) | Non flammable. |
| Freeze/thaw stability | Up to 5 cycles at 0°F (-18°C). |
| VOCs(Rule #1113 of California's SCAQMD) | <50 g per L. |

Shelf Life and Product Characteristics

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| Shelf life | 2 years stored in original when sored in original unopened container at 73°F (23°C). |
| Storage | Store in cool, dry place. Protect from freezing. |

Application Properties at 73°F (23°C) and 50% relative humidity

| | |
|--------------------------|---|
| Drying time | About 90 to 120minutes. |
| Final dry film thickness | At least 15 mils. |
| Size Pail: | 3.5 gallons containing 2.0 gallons product. |

Approximate Coverage* at a dry film thickness of 15 mils. 350 sq. ft.

•Coverage shown is for estimating only. Actual jobsite coverage may vary according to substrate conditions, concrete profile and porosity, type of equipment used, thickness applied, handling and application procedures.

LEGAL NOTICE

ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED POLICRETE WARRANTIES.

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLE SHOULD HAVE BEEN DISCOVERED.