

HORIZONTAL REPAIR

Master Format #: 03 01 30.71

EUCO 456 PRIMER/SEALER

EPOXY PRIMER AND SEALER FOR EUCO 456S MORTAR



EUCLID CHEMICAL

PACKAGING

4.50 gal (17.03 L) kit

Code: 037CK 97

1.125 gal (4.24 L) kit

Code: 037S 96

APPROXIMATE COVERAGE

Priming: 100 to 150 ft²/gal (2.46 to 3.69 m²/L)

Sealing: 150 to 200 ft²/gal (3.69 to 4.92 m²/L)

CLEAN UP

Clean tools and equipment with solvent such as acetone, xylene, or MEK. Do not allow the epoxy to harden on tools or equipment. Hardened EUCO 456 PRIMER/SEALER will require mechanical removal.

SHELF LIFE

2 years in original, unopened package

SPECIFICATIONS AND COMPLIANCES

- ASTM C881, Types II & IV, Grade 1, Classes B & C

DESCRIPTION

EUCO 456 PRIMER/SEALER is a two-component, 100% solids, epoxy primer and seal coat. It is specifically formulated for use with EUCO 456S Mortar.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Low odor - 100% solids

PRIMARY APPLICATIONS

- Priming concrete substrates that are to receive EUCO 456S Mortar installations
- Seal coating EUCO 456S Mortar after installation and finishing

PHYSICAL PROPERTIES

Viscosity Part A 5,300 cP

Viscosity Part B 65 cP

Mixed Viscosity 350-900 cP

Working Time 15 minutes

Gel Time 23 minutes

Tack Free Time 3 to 4 hours

APPEARANCE

EUCO 456 PRIMER/SEALER is a light gray epoxy resin (when mixed).

DIRECTIONS FOR USE

Surface Preparation: PRIMING: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete, and free of dust, dirt, paint, efflorescence, oil, and all other contaminants. Mechanically abrade the surface to achieve a surface profile equal to CSP 6 - 7 in accordance with ICRI Guideline 310.2. Properly clean profiled area.

SEALING: Previously installed EUCO 456S Mortar must be structurally sound, and free of dust, dirt, paint, oil, and all other contaminants. If EUCO 456S Mortar was installed more than 24 hours prior, perform a solvent wipe on the area to remove any contaminants.

Mixing: Use clean containers and clean mixers for mixing EUCO 456 PRIMER/SEALER. Separately mix Part A and Part B individually for approximately 1 minute. Using a low-speed "jiffy" type mixer, mix Parts A and B together for 2 minutes. For ease of mixing, add the Part B to the Part A (not the reverse).

Application: PRIMING: The ambient and surface temperature should be between 50 to 90 °F (10 to 32 °C). EUCO 456 PRIMER/SEALER can be applied using a short nap roller, squeegee, brush, or an airless spray. EUCO 456S Mortar should be applied 10-30 minutes after the EUCO 456 PRIMER/SEALER has been applied, while the EUCO 456 PRIMER/SEALER is still tacky.

SEALING: The ambient and surface temperature should be between 50 to 90 °F (10 to 32 °C). EUCO 456 PRIMER/SEALER can be applied using a short nap roller, squeegee, brush, or an airless spray. The seal coat can be installed as soon as the EUCO 456S Mortar has become tack free, but no later than 24 hours after primer application. See surface preparation instructions above if more than 24 hours have passed since EUCO 456S Mortar installation.

PRECAUTIONS/LIMITATIONS

- Interior use only
- EUCO 456 PRIMER/SEALER is not a decorative product, and should not be used where aesthetics are an issue.
- Not recommended where floor temperature will exceed 170 °F (77 °C) on a continual basis.
- Store at 60 to 70 °F (16 to 21 °C) for 24 hours prior to use for ease of product placement.
- Not suitable for use where topping will be exposed to acids.
- In all cases, consult the Safety Data Sheet before use.

Rev. 03.24

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