

Terracotta Finish

**Brush or roller applied,
single component,
water based clear sealer.
Available in gloss and matte finish.**

WHERE TO USE
**Protect terracotta, natural stone,
concrete and masonry.
Replicate glaze on terracotta
or fire skin on brick.**

PERFORMANCE CHARACTERISTICS

Durable

- Advanced chemistry provides long lasting protection from weathering.

UV stable

- Will not yellow or discolor with age.

Anti-carbonation

- Mitigates carbonation of concrete.

Breathability

- Water vapor permeable.

Water repellent

- Passes ASTM E514.

Environmentally friendly

- Water based technology, low odor, non-flammable.

Two finishes

- Gloss and Matte.

SURFACE PREPARATION

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper adhesion.
- If acid washing is used to prepare substrate, neutralize with 1 part ammonia to 3 parts water solution flooded over the surface. Residual acid in the substrate will cause *Terracotta Finish* to form a milky film instead of a clear finish. If this occurs, the material must be removed.
- Surface must be dry at time of application to allow maximum penetration.
- Protect adjacent areas from overspray.

PRIMING

- Priming is not necessary under normal circumstances.

MIXING

- Stir container.

APPLICATION

- Always apply a test area to determine suitability of application.
- Brush or roll material onto substrate in a uniform 6 mils. coat.
- Brush out ponded material before surrounding area dries.
- 2 coats are recommended for complete protection.
- Allow the first coat to cure 3 - 4 hours @ 72°F; 7 - 8 hours @ 50 - 70°F before applying additional coats.
- Each additional coat of Terracotta Gloss Finish will increase the intensity of gloss.

CURING

- Protect from moisture for 24 hours @ 72°F. Material is fully cured in 3 days.

CLEAN UP

- Clean tools, equipment and adjacent areas with water before material dries.

Terracotta Finish

COVERAGE/YIELD

- Actual coverage will vary depending on substrate porosity. Test application should be applied to determine actual coverage, number of applications required and compatibility with substrate.

Typical coverage

- Terracotta – 200 - 300 ft.²/gal.
- MIMIC/Matrix – 150 - 250 ft.²/gal.
- Brick – 200 - 300 ft.²/gal.
- Concrete block – 75 - 125 ft.²/gal.

PRODUCT HANDLING

Packaging

- 1 and 5 gallon containers.

Shelf Life

- 18 months in unopened containers.

Storage

- Protect from freezing.
- Transport and store in cool, clean, dry conditions in unopened containers.
- High temperature will reduce shelf life.

LIMITATIONS

- If acid washing is used to clean, substrate must be neutralized with 1 : 3 ammonia/water solution flooded over the surface.
- Do not apply if precipitation is forecast within 24 hours of application.
- Do not apply in strong winds.
- Do not apply to horizontal or overhead surfaces.
- Do not apply to frozen surfaces.
- Do not apply if temperature of substrate is below 45°F.
- Do not apply if ambient temperature is below 45°F.
- Do not apply in areas susceptible to water ponding.

HEALTH AND SAFETY

- Product is alkaline.
- Do not ingest.
- Avoid contact with skin and eyes.
- Avoid breathing vapors.
- Refer to Material Safety Data Sheet (MSDS) for additional information.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional. For respiratory problems, remove person to fresh air. If respiratory difficulty persists, contact a medical professional.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

TECHNICAL DATA

Physical state and appearance		
Wet		Thick – milky white liquid
Dry		Clear – dull or gloss – plastic-like film
Base		Aqueous
Polymer		Carboxylated styrene acrylic
pH		>9.5
Percent solids by weight		53%
Flash point	ASTM D56	150°F Seta cc
Volatile organic content – VOC	ASTM D3960	58 gms./liter of water
Density of liquid coatings	ASTM D1475	8.0 lbs./gal.
Water vapor transmission	ASTM D1653 wet cup	11 perms – 1 coat
Accelerated weathering – QUV	ASTM G154	2000 hours – UV-B cycled with condensation – no effect
Water penetration and leakage	ASTM E514	100% reduction
Freeze/thaw stability	ASTM C932	Pass – 5 cycles @ 15°F
Heat stability	ASTM C932	Pass – 4 weeks @ 120°F
Gloss finish – terracotta tile	ASTM D523	85°F untreated 1.5 – treated 11.0 60°F untreated 1.5 – treated 11.0

FOR PROFESSIONAL USE ONLY

Conproco Corp. warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. May 2008.

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