



CLEAR SEAL

ProMasonry Clear Seal is a water based clear gloss sealer that protects and enhances the appearance of concrete and masonry surfaces.

SUGGESTED USES

- Spray, brush or roller apply to concrete, concrete block, brick and concrete paving stone. Additional coats will increase gloss and slipperiness. **ProMasonry Clear Seal** may blush if water is trapped underneath the coating. This will clear as the water evaporates.

CHARACTERISTICS

- Passes ASTM E514.
- Mitigates carbonation.
- Effective chloride ion screen. UV stable.
- Unaffected by microbiological activity.
- Water vapor permeable.
- Repels water from penetrating substrate.
- Meets VOC emission standards for architectural coating.
- Water based technology, low odor, easy handling and clean up.

PREPARATION

- Substrate must be clean and free of loose debris, oils, paints, previously applied water repellents or any substance that can interfere with penetration.
- Substrate must be dry; moisture in substrate will cause material to have a milky film whenever treated surface becomes wet.
- 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 **ProMasonry Clear Seal** to form a milky film instead of a clear gloss finish. If this occurs the material must be removed.

PRIMING

- Priming is not necessary.

MIXING

- Stir until homogenous.

PLACEMENT

- Always apply to a test area to ensure the desired effect can be achieved.
- Material appears as a milky haze when applied and becomes clear within one hour at 72°F.
- For roller applied applications use a 3/8 - 1/2 inch nap roller depending upon surface texture.
- For best spray results apply with low pressure or airless spray equipment with fan tip.
- Fringe, edge and border areas should first be cut in with a brush.
- Work to natural break points in the structure.
- Always keep a wet edge.
- For horizontal applications begin at one edge and work backwards towards the opposite edge.
- Apply enough material to saturate the surface, but do not allow material to pond. Brush out ponded material before surrounding area dries.
- Single coat coverage will seal and provides a gloss finish. Subsequent applications will increase gloss.
- Allow 5 hours @ 72°F and above; 10 hours @ 50 - 72°F; and 24 hours @ 45 - 50°F between applications.
- Follow the same temperature guidelines as above for opening to foot traffic.
- Allow a minimum of 24 hours curing before opening to light vehicular traffic.

CURING

- Protect from moisture for 24 hours. Material is fully cured in 3 days.

CLEAN UP

- Clean tools, equipment and adjacent areas with water immediately after application. Clean glass with glass cleaner before material can dry.

HEALTH AND SAFETY

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



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TCC MATERIALS

PROMASONRY®
PROFESSIONAL QUALITY CEMENT PRODUCTS



TECHNICAL DATA

Physical state and appearance		
Wet		Milky – white – liquid
Dry		Clear – glossy – plastic-like film
Base		Aqueous
Polymer		Carboxylated styrene acrylic
pH		9.5 - 10
Percent solids by weight		33.9%
Flash Point	ASTM D56	150°F Seta cc
Volatile organic content – VOC	ASTM D3960	40.5 g/L
Density of liquid coatings	ASTM D1475	8 lbs./gal.
Water vapor transmission	ASTM D1653	11 perms – 1 coat
Accelerated weathering – QUV	ASTM G154	2000 hours – UV-B cycled with condensation – no effect
Resistance to chemicals	ASTM D1308	Motor oil/Vegetable oil – excellent Soil/Grease/Ketchup – excellent
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 – concrete paver	ASTM D523	85°F untreated 1.5 – treated 11.0 60°F untreated 1.5 – treated 11.0

YIELD

- Coverage will vary depending upon porosity of substrate.
- Exposed aggregate –
Concrete – 100 - 200 ft.²/gal.
Stone – 125 - 250 ft.²/gal.
Brick – 200 - 300 ft.²/gal.

DISPOSAL

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

FIRST AID

- If swallowed contact a medical professional immediately. Do not induce vomiting or give anything by mouth.
- Wash skin 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.

MANUFACTURER'S LIMITED WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

PROMASONRY®

MANUFACTURED BY: **CONPROCO CORPORATION**
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