



Data Sheet | SDS

DECOR SEAL

Promasonry Decor Seal is a brush or spray applied Portland cement based coating for protecting and decorating concrete and masonry.

Decor Seal is available in 14 colors by replacing 1 quart of water with 1 quart of Conproco Color **K88 Admix**. Refer to the Masonry Series choices of the Conproco Color and Coating Selection Guide. Color selection will specify either white or gray Decor Seal.

SUGGESTED USES

For interior or exterior, above or below-grade vertical concrete and masonry substrates that experience water entry through walls.

CHARACTERISTICS

- Available in 14 colors by replacing 1 quart of water with 1 quart of Conproco Color K-88 Admix. *Note: Gallant Gray, Dickensian Gray and Navajo Brown require gray Decor Seal, other colors require white.
- Excellent freeze/thaw stability and abrasion resistance.
- Resistant to deicing salts, chloride, and chemical attack, and environmental pollution.
- Stops radon infiltration.
- Will not cause damage to structure by restricting moisture vapor flow.

PREPARATION

Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper bond.

- Grind or abrasive blast (CSP-3) concrete to achieve an open-pored surface. Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Profile (CSP).
- Stop active leaks with Hydraulic Plug.
- Saturate substrate with clean water, (saturated surface dry/SSD). Wall should be wet when Decor Seal is applied.

PRIMING

No priming is required under normal circumstances.

MIXING

Mechanically mix using a low speed drill (400 - 600 rpm) and mixing paddle or mortar mixer.

- Pour 6 quarts of potable water into a clean mixing vessel and slowly add all of the powder. Substitute 1 quart of Acrylic Admix for 1 quart of water to improve performance and curing.
- Substitute 1 quart of K88 Admix for 1 quart of water to improve performance and curing.
- Mix continuously for 3 minutes to a uniform, lump-free slurry-like consistency.
- Add up to 2 pints of additional water if needed.
- Allow to "breathe" for 1 minute and remix for 1 minute. This will improve workability and open time.
- Do not over mix, as this will entrain air.
- Do not re-temper.

PLACEMENT

At the time of application, concrete surfaces should be saturated surface dry (SSD) but hold no standing water.

- Clean and pre-stripe non-structural cracks (up to 1/16 inch) with one 4 inch wide, 50 mils. application of material.
- Dynamic cracks, joints and transitions (wall-to-slab) must be properly detailed with a closed cell backer rod and polyurethane sealant. Refer to SWRI Sealants, The Professional's Guide.
- Apply 4 - 6 inch wide stripe of material over cured sealant. Embed mesh fabric while material is plastic.
- Apply a 50 mils coat over the entire surface with a stiff bristle brush or spray.
- Work the first coat into the substrate using a circular or figure 8 pattern to fill all voids and pores.
- Do not exceed 60 mils. per coat.
- Apply a second coat once the first coat is thumb-print hard.

CURING

Protect from direct sunlight, wind, rain and frost during curing period.

CLEAN UP

Clean tools and equipment with water immediately after use. Cured material will need to be mechanically removed.

TECHNICAL DATA

Physical state and appearance :
Fine, gray or white powder

Base:
Portland cement

pH:
Wet mix >12

Water/cement ratio:
0.65

Density:
93 lbs./ft.3

Water penetration and leakage:
ASTM E514 100% reduction

Resistance to hydrostatic pressure:
CRD-48-73 80% reduction in leakage on 12 ft. head of water @ 2 inch concrete block

Compressive strengths - psi:
(ASTM C109)
7 Days 5,500
14 Days 6,250
28 Days 6,500

Tensile strengths - psi:
7 Days 460
14 Days 560
28 Days 680

YIELD

150 ft.2/50 lbs. @ 50 mils.

HANDLING

50 lbs. multi-wall, poly lined bags.
Shelf Life - 12 months when properly stored.
Storage - Transport and store in cool, clean, dry conditions in unopened containers.
High temperature or high humidity will reduce shelf life.

HEALTH AND SAFETY

Product is alkaline. Do not ingest. Avoid breathing dust. Avoid contact with skin and eyes. Refer to Material Safety Data Sheet (MSDS) for additional information. Keep out of reach of children.

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.

DISPOSAL

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

MANUFACTURER'S LIMITED WARRANTY

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. February 2008 NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CONPROCO CORP. SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES.

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