

# CARMELO

## CONCRETE AND PAVER SEALER

(Sellador de Concreto y Adoquines)

SEALS ALL TYPE OF CONCRETE SURFACES



**Product Description:** CONCRETE AND PAVER SEALER is a water-based 100% acrylic clear waterproofing sealer & primer for concrete, masonry, pavers and plasters. This multi-purpose product is specially designed to provide a penetrating protective seal on porous surfaces, reduce permeability, decrease mildew growth, bind chalky surfaces and interlock paving joint sand. Can be used as a stand-alone natural satin finish sealer or as a waterproofing primer and dust-proofer prior to wall finishes and roof coatings.

**Advantages:** Multi-use, produces a penetrating seal, reduces permeability, protects and preserves surface colors, natural satin clear finish, stain-protection, non-yellowing (UV stable) and breathable.

### Usage and Application:

Suitable for interior and exterior conditions on vertical and horizontal surfaces for the previously mentioned applications.

- Stand-alone protective sealer on horizontal surfaces like: block paver, porous concrete, stone, non-porous concrete (1:1 dilution)
- Binding and interlocking paving joint sand
- Stand-alone waterproofing sealer on vertical surfaces: porous concrete, stucco, plaster, CMU block, EIFS, drywall, adobe, retaining walls, non-porous concrete and brick (1:1 Dilution)
- Waterproofing primer and dust-proofer prior to wall finishes and roof coatings.

**Storage:** Store in a dry place with cool temperatures, above 40°F (5°C), making sure that the space is well ventilated, and the product is protected against water or other external agents. Do not allow freezing.

### Technical Data:

- **Composition:** 100% Acrylic Latex
- **Finish:** Natural Satin Clear
- **Weight Solids:** 22%
- **Density:** 8.33 lb/gal
- **Viscosity:** water-like
- **pH:** 8.0-9.0

- **Coverage:** See Application Rate Table
- **Dry Time: To touch:** 1 hr To recoat: 2-4 hours
- **Shelf Life:** 12 months

**Surface Preparation:** The concrete surface must be sound, clean, dry, and free from oil, wax, grease, dust, detergents, or other external contaminants that prevent a strong bond.

- All substrates must be structurally sound, thoroughly clean and free of oil, wax, grease, dust, loose debris, plant material or any other contaminant that might act as a bond breaker.
- Remove any loose material, deteriorated concrete, paint, sealer, mold or water-soluble materials.
- Remove mildew and fungus use a solution of regular bleach diluted with water at a ratio of 1:10 and rinse immediately to prevent absorption of chlorine into the concrete or using a mildew removing product. It is important to dilute the bleach with water and wash the surface immediately. Never leave concrete surfaces with chlorine solutions without rinsing.
- For chalky surfaces with excessive efflorescence first apply mechanical abrasion with a wire brush or another abrasive then remove efflorescence powder with acid etching using or regular

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muriatic acid. Remember to thoroughly rinse and neutralize the concrete surface to assure the surface pH is alkaline before product application.

- For smooth-finished concrete etch the surface with or regular muriatic acid. Remember to thoroughly rinse and neutralize the concrete surface to assure the surface pH is alkaline before product application.
- Clean the surface with a high-pressure water hose.
- Test the surface by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved; if water beads, surface contaminants are present, and loss of adhesion may occur. Con-taminants should be mechanically removed before installation.
- Ambient temperature, surfaces and materials should be below 90°F.
- Do not use product if rain is expected.
- Surface must be completely dry.

### Application:

- 1 For low density or porous surfaces use product neat (concentrated). For high density or non-porous surfaces dilute product with water at a ratio of 1:1. Mix product lightly before application.
- 2 Apply a first coat at the required coverage rate (refer to the coverage table for each type of surface) using a garden sprayer, airless sprayer or a roller (1/4"-3/8" nap). Divide into sections and make sure that product application is uniform throughout the surface.
  - If sprayed or rolled, back brush the first coat to eliminate any puddles and assure proper surface penetration.
  - If brushed, work the product into the surface making sure to fill all pores and pinholes.

### Curing:

- 1 The applied product should be dry to touch after 1-3 hours.
- 2 Protect from excessive rain during the first 24 of curing.
- 3 Will accept heavy traffic after 72 hours of application.

### Warnings and Limitations:

- The Sealer must cure for at least 72 hours before exposing to heavy traffic.
- Does not provide waterproofing against hydrostatic pressure, in this case use .
- Approved for vehicular traffic when applied on porous surfaces.
- If applied over bare concrete, concrete must be cured at least 30 days.
- Do not apply over solvent or oil-based sealers.
- Do not apply when air or surface temperature is below 50°F (10°C) or expected to fall before coating can dry.
- Do not apply when air or surface temperature exceeds 95°F.
- Do not apply to wet or damp surfaces.
- Do not apply when it may rain or dew may condense on the surface before product has a chance to dry.

**Warranty:** Ecológica Carmelo warrants this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the purpose for which it is intended.

**Environmental Considerations:** The product is environmentally friendly due to it containing regional materials from Puerto Rico.

**Health & Safety Precautions:** Consult a specialist BEFORE handling this product. Always use goggles, dust respirator (approved/certified respirator or equivalent), and gloves when using this product. Avoid direct contact with skin and eyes. If this product does come in contact with the eyes, immediately check for and remove any contact lenses and flush with warm water for at least 15 minutes. If needed, consult a physician. If inhaled, remove yourself to an area with clean air. If the person is not breathing, provide emergency artificial respiration. If breathing is difficult, provide oxygen. Loosen tight clothing such as a collar, tie, belt, or waistband. If these symptoms appear, get medical assistance.

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Coverage:			
Horizontal Substrate	Concentration	First Coat	Second Coat
Block Paver	Neat	75 ft <sup>2</sup> /gallon	110 ft <sup>2</sup> /gallon
Porous Concrete	Neat	100 ft <sup>2</sup> /gallon	150 ft <sup>2</sup> /gallon
Stone	Neat	200 ft <sup>2</sup> /gallon	300 ft <sup>2</sup> /gallon
Non-Porous Concrete	1:1 Dilution	300 ft <sup>2</sup> /gallon	450 ft <sup>2</sup> /gallon
Paving Joint Sand	Neat	75 ft <sup>2</sup> /gallon	110 ft <sup>2</sup> /gallon
Concrete Roof	Neat	200 ft <sup>2</sup> /gallon	300 ft <sup>2</sup> /gallon
Vertical Substrate	Concentration	First Coat	Second Coat
Porous Concrete	Neat	100 ft <sup>2</sup> /gallon	150 ft <sup>2</sup> /gallon
Stucco	Neat	150 ft <sup>2</sup> /gallon	225 ft <sup>2</sup> /gallon
Plaster	Neat	150 ft <sup>2</sup> /gallon	225 ft <sup>2</sup> /gallon
CMU Block	Neat	80 ft <sup>2</sup> /gallon	120 ft <sup>2</sup> /gallon
EIFS	Neat	150 ft <sup>2</sup> /gallon	225 ft <sup>2</sup> /gallon
Drywall	Neat	70 ft <sup>2</sup> /gallon	105 ft <sup>2</sup> /gallon
Adobe	Neat	100 ft <sup>2</sup> /gallon	150 ft <sup>2</sup> /gallon
Retaining Wall	Neat	125 ft <sup>2</sup> /gallon	190 ft <sup>2</sup> /gallon
Non-Porous Concrete	1:1 Dilution	175 ft <sup>2</sup> /gallon	265 ft <sup>2</sup> /gallon
Brick	1:1 Dilution	125 ft <sup>2</sup> /gallon	190 ft <sup>2</sup> /gallon
Roof Tiles	Neat	125 ft <sup>2</sup> /gallon	190 ft <sup>2</sup> /gallon
Decorative Concrete Floors	1:1 Dilution	125 ft <sup>2</sup> /gallon	190 ft <sup>2</sup> /gallon

## Technical Data:

Product Details		
Physical State:	Size + Packaging:	Colors:
Liquid (water-like viscosity)	50 lbs Pail	Clear

**CARMELO**

**ECOLÓGICA CARMELO**

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