



MC-0521

Permaflex Surface Conditioner

Product Data Sheet

PRODUCT DESCRIPTION

Permaflex Surface Conditioner is a penetrating, clear sealer/conditioner for concrete, stucco, and masonry surfaces.

TYPICAL USES

Formulated for use as a sealer coat to help bind chalky masonry and to condition partially cured alkaline masonry. Apply to new stucco, and masonry surfaces to help bond surface particles to the substrate.

BASES & COLORS

MC-0521 Clear when dry (milky blue when wet)

PHYSICAL PROPERTIES (MC-0521)

Resin Type	Acrylic
Clean-up Solvent	Water
Finish	Not Applicable
Solids by Weight	7.75 %
Solids by Volume	7 %
Recommended Dry Film Thickness per Coat	Not Applicable
Wet Film to Achieve DFT	Not Applicable
Recommended Spread Rate ¹	200 – 300 ft ² /gallon
Dry Times ² @ 70° F (21° C) and 50% R.H.	Touch 1 hour Recoat 4 hours
VOC's	600 grams/liter

¹ Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

² Dry times may vary depending upon temperature, humidity and degree of air movement.

SPECIFICATIONS

Block

Smooth
1 ct MC-0521 Permaflex Masonry Conditioner
2 cts MC-Series Permaflex Elastomeric Finish
or
2 cts MC/B-Series Exterior Latex Finish

Porous

1 ct MC-0521 Permaflex Masonry Conditioner
2 cts MC-Series Permaflex Elastomeric Finish

Poured Concrete

1 ct MC-0521 Permaflex Masonry Conditioner
2 cts MC-Series Permaflex Elastomeric Finish
or
2 cts MC/B-Series Exterior Latex Finish

Stucco

1 ct MC-0521 Permaflex Masonry Conditioner
2 cts MC-Series Permaflex Elastomeric Finish
or
2 cts MC/B-Series Exterior Latex Finish

For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

SURFACE PREPARATION

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, efflorescence, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. **Bare surfaces must be properly prepared prior to application of this product.**

Masonry Surfaces-Poured Concrete, Concrete Block:

New concrete and mortar should cure for a *minimum* of 30 days at 72° F (22° C) prior to coating application. Level all surface projections and mortar spatters by stoning. Rake mortar joints clean and remove all soluble salts.

- Excessive chalk, loose mortar and/or sandy stucco should be removed by power washing.

Previously Painted Surfaces

- Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry.
- Remove all loose coatings and corrosion by scraping, sanding or other abrading method. Dull glossy, slick and/or non-porous surfaces with sandpaper.
- Patch and fill areas as needed. Spot prime bare areas with MC-0521.

Mildew

Remove by using a solution of one (1) part household bleach to three (3) parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes then rinse completely and allow to dry before coating application. Do not add detergents or ammonia to bleach/water solution.

APPLICATION

- Stir material prior to application.
- Equipment must be clean prior to start. Flush airless lines with clean water.
- Apply by roller or low pressure spray. Select a roller cover suited for the texture of the surface to be coated.
- Apply the product in one (1) coat and allow to penetrate the surface. Do not build a film.
- Allow the product to dry approximately four (4) hours before topcoating.
- Do not thin

ENVIRONMENTAL VARIABLES

Protect product from freezing prior to and during application. Minimum surface and air temperature required for application is 50° F (10° C) and at least 5° F (3° C) above the dew point. Curing is affected by temperature, humidity and air movement. The minimums must be maintained for at least eight (8) hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

CLEAN-UP

Clean up spills immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

CAUTIONS

Do not apply below 50° F
Not intended for use on floors
Do not take internally
Use with adequate ventilation

KEEP OUT OF REACH OF CHILDREN

*WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the national Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Limited Warranty

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product.