

ROLL MASTER Roll-on Overlay System

Roll Master is a thin concrete overlay that can be rolled or troweled over existing concrete to repair or change the look. Roll Master produces a non-slip surface and can be stained with Deco Stain or Acid Stain.

Applications include: walkways, pool decks, patios, concrete driveways, and much more.

Roll Master has superior adhesion and strength, ultraviolet light resistance, and water resistance.

APPLICATION ADVANTAGES

Roll Master has the longest mortar pot life in the industry, an important feature for warm weather, low humidity application conditions. Roll Master has excellent flow characteristics, making it easy and enjoyable to work with.

Roll Master is ammonia-free, which eliminates a source of chemical irritation for field applications. This low-odor feature is especially beneficial for interior construction or repair projects.

DURABILITY AND STRENGTH

Roll Master is hard, tough and durable for exterior exposure. Roll Master has superior flexural, tensile, and impact strengths as well as excellent abrasion resistance. These qualities are especially important in thin section applications.

ADHESION

Roll Master has excellent adhesion to a variety of surfaces such as concrete, masonry and brick.

RESISTANCE PROPERTIES

Roll Master is uniform in color and resistant to yellowing or discoloration due to exposure to ultraviolet light. Roll Master provides excellent water resistance to decrease spalling, cracking, and surface degradation caused by repeated freeze/thaw cycles. Roll Master is also resistant to many industrial chemicals.

CURING ADVANTAGES

Roll Master does not require laborious moist-curing conditions to attain optimum strength. For optimum physical properties, Roll Master should be air-cured at ambient temperature and relative humidity.

FOOD SAFE: APPROVED

VOC'S - ZERO

Meets LEED Requirements.

COVERAGE

Approximately 150-200 sq. ft. per 60 lb Kit, per coat. This depends on thickness and application method.

SURFACE PREPARATION

- The surface must be clean and sound. Remove all loose and disintegrated material. Remove all types of oil, dirt, dust, mold or mildew, efflorescence, release and curing agents. Do Not apply to any exterior wood surfaces.
- Always acid wash the surface before application.
- When dry, apply one coat of Protec III Chem-RX and let dry.

MIXING INSTRUCTIONS

- Always mechanically mix. Do not mix at a high speed.
- Pour all of liquid component into a clean five gallon pail and add the mortar mixture while mixing and mix until smooth (approximately 1 minute).
- Let material sit 5 minutes to fatten, then re-mix for 10 seconds before installation.
- Pour the mix onto the concrete as you go (only pour enough material to do a small area) and roll out a thin coat. Roll Master goes on like a thick paint.
- Use a 10 mil lint free roller sleeve.
- Higher air and surface temperatures will decrease working/placement time.
- After applying the first coat let it dry.
- Apply the second coat following the same instructions as the first coat.
- Rolling 2 thin coats will give you an attractive orange peel effect. It is optional to give a broom finish.
- For normal use, allow a 24 hour curing period. For heavy wheeled traffic, allow a 4 day curing period.
- Always seal the job with Premium Acrylic Ready to Use.

CLEAN UP

Clean all tools and equipment with water immediately after use. Cured material may be removed by mechanical means only.

TYPICAL PERFORMANCE DATA

Tensile Strength (psi)	
7 day air cure	615
7 day air cure +7 day water soak	350
Shear Bond Adhesion (psi)	
28 day air cure	650
28 day air cure+7 day water soak (cohesive failure)	300
Compression Strength (psi)	
7 day air cure	3,070
28 day air cure	5,715

WARRANTY

We warrant our products to be of good quality and will replace any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. The user shall determine the suitability of the product for the intended use and assume all risks and liability in connection therewith. Therefore, except for such replacement of product, Cornerstone Coatings makes no warranty or guarantee express or implied including warranties of fitness for a particular purpose or merchantability, respecting its products, and Cornerstone Coatings shall have no other liability with respect thereto. This warranty supercedes all other warranties express or implied.

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