



Moisture Block Epoxy Primer

A Two Part 100% Solid, Zero VOC Epoxy Primer

DESCRIPTION

Classic Moisture Block Epoxy Primer is a two part epoxy system designed to reduce moisture vapor emissions in concrete floor surfaces to acceptable levels for moisture and vapor sensitive floor systems and coatings. Moisture Block Epoxy Primer develops a tenacious bond to properly prepared concrete floor surfaces and blocks the passage of moisture vapor. This primer helps to level your surface as well as block moisture emissions. Use Moisture Block Epoxy Primer before applying [CE500] 100% Solid Epoxy System. Moisture Block Epoxy Primer is for interior use only. It is a 100% solid, Zero VOC low odor system that comes in 4 different colors and in clear. **New concrete must cure for 28 days before sealer is applied.**

COVERAGE:

1 gallon (3.8 Liters) covers approximately 100 - 150 sq.ft. depending on application

PACKAGING:

1 Gallon

STORAGE:

Keep in a cool, dry location out of direct sunlight.

Store at a temperature between 40°F (4°C) and 90°F (32°C).

SHELF LIFE: 2 years in its original sealed container.

COLOR:

Clear, Black, Gray, Tan or White

ADVANTAGES

Withstands heavy traffic
100% Solid
Resists Most Chemicals
Rapid Drying Time
Available in different colors
Zero VOC, Low Odors
Helps level your surface

LIMITATIONS

Indoor use only
Pot life is 15 to 20 minutes at 75 F
Designed for professional use only
Must prime surfaces with Moisture Block Epoxy Primer before applying CE500
Yellowing under UV lighting
May not hide cracks. Be sure to patch and prime until surface is smooth, even and leveled

TYPICAL USAGE

- Indoor Use Only
- Garage Floors & Work Shop
- Warehouse & Retail
- Restaurants
- Commercial & residential
- Hotels, Casinos & Showrooms
- Schools
- Tables
- Restrooms
- New and old Concrete

Visit us online:
ClassicCoatingSystems.com

See Our Website Gallery to Get Inspired and View How-to Videos & SDS

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SURFACE PREPARATION

- ✓ **READ SDS BEFORE HANDLING & APPLICATION**
- ✓ Highly recommended to test a small inconspicuous area first.
- ✓ Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non-masonry surfaces.
- ✓ Clean concrete with Classic Super Eco-Etch before staining.
- ✓ Before you start staining wear rubber gloves & safety glasses
- ✓ New concrete must cure for 28 days before stain is applied.

The most common reason for coating failure is the lack of preparation. Concrete must be clean, dry, and free of grease, paint, oil, dust, curing agents, or any foreign material that will prevent proper adhesion. For maximum durability the surface must be slightly porous and free of dirt, oil, chalk or any other foreign matter. Shot blasting is the most reliable method for surface preparation. One may also prepare the surface by grinding or bead blasting to achieve a clean, porous and uniform surface that will allow product to soak into a bond permanently. The surface should feel like 30 grit sand paper. Read and follow all warnings and instructions on this label. The surface must be porous or rough enough to allow the product to soak in and completely dry.

Follow label instructions when applying Moisture Block Epoxy Primer. Ensure that concrete is leveled because any high or low spots will affect the final look of the primer or top coat. Moisture Block Epoxy Primer can help to level your surface.

*All concrete should be tested for moisture before applying a seamless coating. Water vapor transmission upwards through on-grade concrete slabs may result in loosening of epoxy floors or improper curing of epoxy materials. If moisture emissions exceed 5 lbs./1000 sq ft. contact the manufacturer before application.

HOW TO MIX THE COLOR – PER GALLON

Mix Part A for 2 minutes then add Part B into Part A and mix for another 2 minutes. Mix the epoxy with a slow speed drill that has a mixing paddle attachment. Carefully scrape the sides and bottom of the pail during mixing. After mixing thoroughly, immediately pour the blended mixture onto the horizontal surface and spread evenly over the area. Please note: Large batches of epoxy primer will cure much faster in hot weather than cold weather. We do not recommend applications at temperatures over 75 F. Keep container close and in a cool place.

POT LIFE: 15 to 20 minutes at 75 F

For Mixing 1/2 gallon: Part A: 3.20 lbs Part B: 1.07 lbs

* Pot life once Part A & Part B are mixed together is up to 30 minutes. After 30 minutes, mixture will start to heat and steam. If this occurs, do not continue use.

APPLICATION

Test a small area before applying. 10 MILL is the best way to spread the epoxy evenly. Begin by applying near the edges working your way to the center. Be sure to overlap and back roll each area carefully. Cover and protect any surrounding areas.

Coverage: 100-150 sq. ft. per gallon

Drying Time: Dry to touch 8 hours @ 75 F .

Standard application is one coat. Top coat must be applied within 24 hours. In some cases we recommend sanding the primer coat before adding the top coat to achieve a better bond. Allow light traffic after 24 hours. Allow heavy traffic after 72 hours at 75 F .

HANDLING PRECAUTIONS:

Use only with adequate ventilation. An appropriate cartridge type respirator must be used during application in confined areas. Avoid contact with skin. Protective gloves, eyewear and clothing are recommended.

PROP 65 WARNING:

Classic Coatings, as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in the product contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution and intended use. User is solely responsible for the legal disposal of this container and/or its contents.

WARRANTY:

Classic Coating products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification. NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY. We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE

THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET & FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.

Technical assistance and info. is available by calling: (714) 720-6954
www.ClassicCoatingsSystems.com