

CONCRETE & MASONRY ACRYLIC DUSTPROOFER & SEALER

PRODUCT DESCRIPTION

ECO ADVANCE DUSTPROOFER & SEALER is a ready to use, environmentally safe waterborne acrylic sealer that is formulated for use on concrete floors but is also effective on decorative concrete, brick, block, natural stone, manufactured stone, and other masonry substrates. It prevents concrete dust, protects against water and stain penetration, resistant to acids and harsh chemicals, and makes floors much easier to clean. It can also be used as a protective coating for existing stained or painted surfaces. It is freeze/thaw stable and is suited for interior or exterior use.

AVAILABLE PRODUCTS

EADUS128: 1 GALLON
EADUS640: 5 GALLON
EADUS055: 55 GALLON

*Inquire for custom packaging pricing

FEATURES

- Prevents concrete dust
- Chemical and stain resistant
- Vapor Permeable - does not trap moisture
- Can be applied when substrate moisture level is up to 50%
- Freeze / Thaw Stable
- VOC Compliant
- Can be used over existing stain or paint
- Can be used in cold temperatures (above 35° F)
- Excellent adhesion on a variety of surfaces
- Dries completely clear / non-yellowing
- Resistant to UV degradation allowing for long-term protection

TYPICAL TECHNICAL DATA

Appearance - Milky White

Solids Content - 16% +/-

Weight/Gal - 8.5 pounds

VOC Content - <100 grams per Liter

Water Solubility - Disperses readily

MFFT (C°) - <10°

Flash Point - Non-Flammable

Boiling Point - 212° F (min.)

Odor - Mild to None

pH - Not applicable

Freeze/Thaw - Pass

Clean Up - Water

LIMITATIONS

- Product cannot be exposed to water for 12 hours after application.
- Suited for above grade use only and will not withstand hydrostatic pressure.
- Cannot be applied in freezing temps or if temps will be falling below 32°F within 24 hours after application
- Must be stored between 35°F - 105°F
- Does not prevent efflorescence

SURFACE PREPARATION

Proper preparation should be followed to ensure adequate coating adhesion to substrate and to optimize product performance. Testing should be done to determine whether or not the following ASTM standard preparations are necessary to maximize coating adhesion and performance:

- ASTM D 4258 Standard Practice for Surface Cleaning of Concrete, Stone, Etc. for coating.
- ASTM D 4259 Standard Practice for Abrading Concrete.
- ASTM D 4260 Standard Practice for Acid Etching Concrete

These may provide applicable pre-coating concrete preparation techniques. Additional guidance can also be found in SSPC-SP 13/NACE NO. 6 SURFACE PREPARATION OF CONCRETE.

- All curing agents, hardeners, oil, grease, form release oil, dirt, laitance, concrete dust or other contaminants must be removed prior to beginning coating processes. *Do not use over sealers containing waxes or silicone.
- Surface preparation methods should result in clean surface, devoid of contaminated surfaces with ideally an adequate surface profile (surface similar to medium grade sandpaper).
- Metal surfaces should be clean and free of rust and contaminants. If rust is present, removal with high pressure wash is advised. A metal primer is recommended if all rust cannot be removed.
- Inspect surface for soundness. Repair or remove any surface irregularities and loose concrete. Use an approved crack filler on holes and cracks. When surface is clean, sound and dry proceed with coating application.
- If ideal surface preparation is not possible the addition of 2 oz. per gallon of Eco-Bond Adhesion Promotor can be used to increase coating adhesion and performance. This also improves adhesion on metal surfaces.
- When using for the first time it is advisable to coat a small test patch on representative concrete and verify adhesion level before proceeding to large scale coating projects.

APPLICATION

- Shake mixture vigorously for 30 – 45 seconds and then let sit for 5 to 10 minutes before applying.
- Product may be thinned with water if required.
- ECO ADVANCE DUSTPROOFER & SEALER May be applied by spraying, rollers or by brush.
- In order to avoid “cracking” do not allow product to pool and do not apply the coats too thick during
- To prevent lapping and dry marks be sure you are using the recommended coverage rate of 200-300 sq/ft per/gal.
- Avoid over-application, heavy runs and drips should be brushed or rolled smooth.
- Allow approximately 2 hours for coating to dry before applying additional coats.

Pad Application: Pour a 6” to 8” wide line of finish along the starting wall. Draw a clean, pre-dampened applicator forward. Moving the finish toward the opposite wall. Hold the applicator at a “snowplow” angle to maintain a wet edge at all times. (Maintain at least 3” wide wet edge at all times to ensure proper coverage rate.) To prevent lapping and dry marks, be sure you are using the recommended coverage of 400 to 500 sq. ft. per gallon. Roller Application: Pour a 4” to 6” wide line of finish along the starting wall Roll at moderate speed using a short nap roller (maintain at least 3” wide wet edge at all times). Spray Application: Spray until substrate is uniformly coated. Avoid over application, heavy runs and drip should be thoroughly brushed into surface. On extremely porous substrates a second coat may need to be applied. Do not spread too thin. Allow your first coat to dry 2 to 4 hours.

Tools should be cleaned immediately with soap and tap water. If curing has begun a thinner can be used.

TEMPERATURE REQUIREMENTS

Make sure the air and substrate surface temperatures are no lower than 35°F. Assure that temperatures will not fall below freezing for at least 24 hours after application. If surfaces have been exposed to freezing immediately prior to application, allow surface to thaw. Try to avoid application in extreme heat as this will cause the material to evaporate too rapidly and will prevent desired penetration into substrate. STORE PRODUCT IN A COOL, DRY PLACE BETWEEN 45-100°F.

PRECAUTIONS

To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH / MSHA TC 23 C chemical cartridge respirator or equivalent) or leave the area. Close container after each use. DO NOT take internally.

IMPORTANT! Spray equipment MUST be operated with care in strict accordance with manufacturer's instructions. When spray applying, wear approved respiratory protection (see above), eye protection and protective clothing.

FIRST AID: In case of skin contact, wash off quickly with plenty of water, then soap and water; remove contaminated clothing. For eye contact, flush IMMEDIATELY with large amounts of water, especially under lids, for at least 15 minutes. If swallowed, OBTAIN MEDICAL TREATMENT IMMEDIATELY. If inhalation causes physical discomfort, remove to fresh air. Restore and support continued breathing. Have trained person give oxygen if necessary. If discomfort persists or any breathing difficulty occurs, GET MEDICAL HELP. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. FOR EMERGENCY INFORMATION CALL 800-962-0344. FOR ADDITIONAL SAFETY AND CHRONIC HAZARD INFORMATION, REFER TO THE MATERIAL SAFETY DATA SHEET.

WARRANTY

If this Eco Advance product is proven defective, the user's exclusive remedy will be, at Eco Advance's option, to replace the defective Eco Advance product or to refund the purchase price for the defective quantity. Except for the replacement or refund remedies, Eco Advance is not liable for direct damages or liable for indirect, incidental or consequential damages, regardless of the legal theory asserted, including negligence and strict liability.

IMPORTANT NOTICE

The information in this publication is based on tests that we believe are reliable. Your results may vary due to differences in test types and conditions. You must evaluate and determine whether the product is suitable for you intended application. Eco Advancements, Inc. exclusive warranty is as follows: If Eco Advance products are proved defective, the user's exclusive remedy will be, at Eco Advance's option, to replace the defective Eco Advance product or to refund the purchase price for the defective quantity. Except for the replacement or refund remedies, Eco Advance is not liable for direct damages or liable for indirect, incidental or consequential damages, regardless of the legal theory asserted, including negligence and strict liability.

Complete technical assistance and information are available from:

Eco Advancements, Inc.
info@ecoadvanceproducts.com
www.ecoadvanceproducts.com

855-418-4ECO

