ResinForce®

Technical Data Sheet

Epoxy Accelerator

Cure Accelerator for 250 HP Cyclo 100% Epoxy

Jan. 2025 v.01

DESCRIPTION:

Epoxy Accelerator is a special additive for use with 100% Solids Epoxy and HiFlo Metallic Epoxy to accelerate the cure rate and allow for coating application at lower temperatures. It is an excellent option to speed up base coats for time sensitive applications.

Specifications / Compliances • Dried coating is USDA accepted • Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

KEY FEATURES & TYPICAL BENEFITS

- Excellent for a variety of seamless, high build concrete flooring applications.
- Increased cure rates save time and labor for flooring contractors.
- Use this product in the base coat for the metallic pigment flooring system.
- Can be used in conjunction with 100% Solids Epoxy Pigment for solid color applications.
- VOC compliant for most areas in the United States and Canada.

RECOMMENDED APPLICATIONS

Auto Service Centers • Warehouses • Laboratories
Aircraft Hangars • Cafeterias • Garages
Quartz & Metallic Flooring Applications

APPLICATION INSTRUCTIONS

REFER TO TECHNICAL DATA SHEET FOR EPOXY BEING USED FOR DETAILED INFORMATION ABOUT MOISTURE TESTING, TINTING, COVERAGE RATES, APPLICATION, ETC.

SURFACE PREPARATION: The concrete surface must be deemed mechanically and structurally sound, thoroughly clean of debris and completely dry. Concrete must be fully cured a minimum of 28 days. It is recommended to prepare the concrete surface by mechanical means such as shot blasting or diamond grinding with 30 grit or coarser diamonds to achieve a CSP-2 to CSP-3 profile. If using in a thin mil system such as acid stain, dye & seal, 2 or less clear coats, etc., an 80 grit diamond may be acceptable to minimizes visual scratches in the finish. Vacuum concrete surface several times until dust thoroughly removed. If applying over an existing, fully bonded coating that is outside its recommended re-coat window, the surface should be sanded thoroughly with a 60-120 grit sanding screen until the surface is completely dulled with scratches. Vacuum dust thoroughly, rinse with clean water and remove excess water with a wet/dry vacuum or floor scrubber. Allow surface to dry completely prior to application of coating. Where applicable and with adequate ventilation, wipe the surface with acetone and a microfiber dust mop. **CAUTION:** Acetone is extremely flammable! If using acetone follow all safety precautions, make sure no pilot lights, open flames, sources of static electricity, sparks or extreme heat sources are present. Use recommended personal protection for acetone. Substrate, air and material temperatures must be no less than 50°F and not exceed 80°F. If applied outside these limits the coating may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Please note that higher substrate, air and material temperatures as well as excessive humidity may speed the cure rate of this product. Cooler temperatures and lower humidity may slow the cure rate of this product.

FOR PERSONAL PROTECTION USE GLOVES, GOGGLES, RESPIRATOR AND OTHER NECESSARY PPE. REFER TO SDS PRIOR TO USE!

MIXING: Pour the entire contents of the container in one gallon of Part B 100% Solids Epoxy or HiFlo Epoxy and mix thoroughly for 2-3 minutes with slow speed mixing equipment such as a jiffy mixer. Once the material is thoroughly mixed and homogeneous, add two gallons of Part A and mix again for 2-3 minutes or until blended thoroughly. Avoid creating a vortex in the material which could introduce air and/or moisture content to the mixture. Do not mix more than can be applied within the usable pot life time frame. DO NOT THIN!
NOTE THAT USING ACCELERATOR EFFECTIVELY CUTS ALL TIMING IN HALF INCLUDING POT LIFE, WORKING TIME, DRY TIMES, RECOAT TIMES, ETC.

RECOATING: If possible, re-coat within HALF the suggested re-coat window located on page 1 of the epoxy data sheet. Apply additional coats in the same manner as the first coat. Note that higher substrate, air and material temperatures as well as excessive humidity may greatly reduce the acceptable re-coat window of this product. When working in higher temperatures, always re-coat as early in the re-coat window as possible to avoid failure between coats. If recoating outside of HALF the suggested re-coat window (see page 1 of the epoxy tech data sheet) or beyond 12 hours, sand using a 60-120 grit sanding screen to ensure adequate adhesion between coats. Vacuum dust thoroughly, rinse with clean water and remove excess water with a wet/dry vacuum or floor scrubber. Allow surface to dry completely prior to application of coating. Where applicable and with adequate ventilation, wipe the surface with acetone and a microfiber dust mop. **CAUTION:** Acetone is extremely flammable! If using acetone follow all safety precautions, make sure no pilot lights, open flames, sources of static electricity, sparks or extreme heat sources are present. Use recommended personal protection for acetone.

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PRECAUTIONS AND LIMITATIONS

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- Keep away from open flames. Product is flammable and is very susceptible to ignition.
- This product may affect the surface of many new and existing concrete slabs. Test prior to use.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product is not a stripper and may not emulsify acrylic, epoxy, urethane, or any other coating.
- This product does not make existing coatings resistant to brake fluid, gasoline, and many similar products.
- Solvent vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition source locations distant from material handling point.

CLEAN-UP: Use MEK. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Dried, cured sealer may be removed with a commercial epoxy stripper or by using a diamond grinding method, sandblasting method or similar mechanical action.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in concentrate for 3 gallons of 100% Solids Epoxy or Hi Flo Epoxy.

Always read all technical information, label and SDS prior to use. This information can be found on-line or by calling customer service at the number below.

TYPICAL PROPERTIES & TECHNICAL INFORMATION

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	4 - 5 Hours
Dry Time - Foot Traffic	10 - 18 Hours
Dry Time - Heavy Traffic	2 - 7 Days
Re-Coat Time Window	6 - 12 Hours
Application Temperature	50°F - 80°F
VOC (Volatile Organic Compound) Content	N/A
Appearance - Wet	Amber
Appearance - Dry	Clear and High Gloss

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

WARRANTY

All statements, recommendations and technical information contained in this document are accurate to the best knowledge of ***ResinForce® Products, LLC***. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the users' responsibility to verify the suitability of this information for their own particular use, and to test this product before use. ***ResinForce® Products, LLC*** assumes no legal responsibility for use upon this data. ***ResinForce® Products, LLC*** assumes no legal responsibility for any direct, indirect, consequential, economic, or any other damage except to replace the product or refund the purchase price as set out in the purchase agreement.

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