

100% EPOXY ACCELERATOR



CURE ACCELERATOR FOR 250 HP CYCLO 100% EPOXY

Epoxy Accelerator is a special additive for use with 250 HP Epoxy and Maxx Flow 250 HP 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



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 FX™ flooring system.
- Can be used in conjunction with SurfKoat's Colour Coat Epopack-HP™ for solid color applications.

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.

RECOMMENDED APPLICATIONS

- Auto Service Centers
- Warehouses
- Laboratories
- Aircraft Hangars
- Cafeterias
- Garages
- Quartz & Metallic Flooring applications.

APPLICATION INSTRUCTIONS

REFER TO TECHNICAL DATA SHEET AND SDS FOR EPOXY BEING USED FOR DETAILED INFORMATION ABOUT MOISTURE TESTING, TINTING, COVERAGE RATES, APPLICATION, LIMITATIONS, SAFETY, 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 minimize 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 recoat 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 250 HP Cyclo Epoxy or Maxx Flow 100% Solids 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 homogenous, 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, recoat within HALF the suggested recoat 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 recoat window of this product. When working in higher temperatures, always recoat as early in the recoat window as possible to avoid failure between coats. If recoating outside of HALF the suggested recoat 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.

PLEASE NOTE: Applying material outside the suggested parameters may result in product failure. It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, adhere to suggested coverage rates. Applying too thin of a coating may cause inadequate film formation, limited performance expectations and/or undesirable finish. Applying too thick may result to bubbling, hazing, etc. **DO NOT USE ON BRICK.**

COF WARNING: OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Surface Koatings, Inc. recommends the use of slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Surface Koatings, Inc. nor its sales agents will be responsible for injury incurred in a slip and fall accident. For interior floors subjected only to foot traffic, Cherry Surf-Wax may be used as an acceptable slip-resistant coating as it meets requirements for ASTM D2047.

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- This product will freeze during storage. Store at temperatures above 40°F.
 - All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
 - Use proper ventilation while applying and for hours after application to ensure fumes are removed.
 - 250 HP Cyclo Epoxy and Maxx Flow 100% Solids Epoxy, specifically Part B is corrosive. Wear proper safety equipment while handling material.
 - It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
 - Please be aware that epoxy when cured may be slippery when wet. An anti-slip additive can be added to reduce slip hazards.
 - All new concrete must be cured for at least 28 days prior to application.
 - It is not recommended to thin epoxy. Improper thinning may cause sealer to delaminate in a short time frame.
 - Epoxy may darken the surface of many new and existing concrete slabs. Test prior to use.
 - Physical properties listed on this technical data sheet are typical values not specifications.
 - Epoxy is not UV stable and should not be used outdoors or in areas exposed to excessive sunlight.
 - Dry times and re-coat windows are figured at 70°F and 50% RH. Increased temperatures and humidity will increase dry times and shorten re-coat windows.
 - **DO NOT** add more than one container to three gallons of epoxy.

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

PRODUCT REMOVAL: Dried, cured coating may be removed with a commercial 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 250 HP Cyclo Epoxy or Maxx Flow 100% Solids Epoxy.

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

Surface Koatings, Inc. warrants our products to be of good quality, free of defects and will conform with our published specifications in force on the date of acceptance of the order. As the exclusive remedy for breach of this warranty, we will replace defective materials. Ninety days after Surface Koatings, Inc. has shipped the products, all our warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates, and no action for breach of any said duties may thereafter be commenced. No warranty is expressed or implied as to the length of life of this product, or merchantability or fitness. Liability, if any, is limited to the purchase price of the material. Under no circumstances will Surface Koatings, Inc. be liable for a consequential damage to anyone in excess of the purchase price of the products.