



# Diamapro-Epoxy Accelerator

Item Number: DCEPACCEL – 100-01

## DESCRIPTION

Diamapro® Diamapro-Epoxy Accelerator trained applicators might have a situation when the set time of the Diamapro Diamapro-Epoxy needs to be shortened. By combining Diamapro® Diamapro-Epoxy Accelerator with Diamapro® Diamapro-Epoxy or Diamapro® Diamapro-Epoxy Patch, the working and cure times will be decreased (shortened). Times vary based on Diamapro® Diamapro-Epoxy Part B selection, surrounding temperatures, and how many ounces of accelerator added per kit.

## ADVANTAGES

- Cuts up to 3 hours off recoat and curing times.
- Meets USDA, FDA, SCAQMD, and VOC Standards
- Eligible for LEED Points: Made in California from Partially Recycled Materials.

## COMPONENTS

- Diamapro® Diamapro-Epoxy Accelerator – 32 oz.
- Diamapro® Diamapro-Epoxy Accelerator – 1 gal.

## USAGE

- Average Experience Level
  - Up to 8 oz. of Diamapro-Epoxy Accelerator to 1.5-2.0 gal. of mixed resin
- Advanced Experience Level
  - Up to 8 oz. of Diamapro-Epoxy Accelerator to 1.5-2.0 gal. of mixed resin

## STORAGE AND APPLICATION TEMPERATURES

- Store in a cool, dry place out of direct sunlight.
- DO NOT mix if material is warmer than 85°F.
- When sealed and unopened, accelerant may be placed in an ice bath to lower the temperature of the product.
- DO NOT let water into material.

## SAFETY AND TESTING

- Safety
  - Personal protective equipment (PPE) and safety conditions must be considered before using any product.
  - Review all relevant and current documentation including Safety Data Sheets.
- Testing: Before installation
  - To ensure desired results are achieved, the system should be tested in a small batch on site, in the working environment before full installation begins.

## LIMITATIONS

- Diamapro® Diamapro-Epoxy Accelerator is designed to be used only with Diamapro® Diamapro-Epoxy products.
- Never add more than 24 oz accelerant per 1.5- to 2-gal standard kit.
- Adding more than the recommended amount of accelerant will have an adverse effect on film properties.



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## GENERAL SURFACE PREPARATION REQUIREMENTS

- The substrate must be sound.
- All necessary concrete repairs have been completed.
- Must be clean, dry, and free of any bond inhibiting contaminants.
- When applying directly over concrete, the substrate must be mechanically profiled.
- Adhere to International Concrete Repair Institute current standards.
- Different projects may require a different concrete surface profile.

## APPLICATION TEMPERATURE

### 100°F, 50% RH

Diamapro-Epoxy Part B	Accelerator/1.5 gal.	Working Time	Recoat Time	Return to Service	Full Cure
MVR-Slow Cure	8 oz.	15 min.	5-23 hrs.	23 hrs.	7 days
	16 oz.	10 min.	4-22 hrs.	22 hrs.	7 days
	24 oz.	5 min.	3-21 hrs.	21 hrs.	7 days
MVR-Fast Cure	NR	NR	NR	NR	NR
Slow Cure	8 OZ.	25 min.	7-23 hrs.	23 hrs.	7 days
	16 OZ.	20 min.	6-22 hrs.	22 hrs.	7 days
	24 OZ.	15 min.	5-21 hrs.	21 hrs.	7 days
Standard Cure	NR	NR	NR	NR	NR
Fast Cure	NR	NR	NR	NR	NR
Diamapro-Epoxy Patch	NR	NR	NR	NR	NR

### 70F, 50% RH

Diamapro-Epoxy Part B	Accelerator/1.5 gal.	Working Time	Recoat Time	Return to Service	Full Cure
MVR-Slow Cure	8 oz.	25 min.	7.5-23 hrs.	23 hrs.	7 days
	16 oz.	20 min.	6.5-22 hrs.	22 hrs.	7 days
	24 oz.	15 min.	5.5-21 hrs.	21 hrs.	7 days
MVR-Fast Cure	8 oz.	10 min.	2-15 hrs.	4-5 hrs.	5 days
	16 oz.	<5 min.	<1-14 hrs.	3-4 hrs.	5 days
	24 oz.	NR	NR	NR	NR
Slow Cure	8 OZ.	45 min.	8-35 hrs.	23 hrs.	7 days
	16 OZ.	40 min.	7-34 hrs.	22 hrs.	7 days
	24 OZ.	35 min.	6-33 hrs.	21 hrs.	7 days
Standard Cure	8 oz.	30 min.	6.5-35 hrs.	23 hrs.	5 days
	16 oz.	25 min.	5.5-34 hrs.	22 hrs.	5 days
	24 oz.	20 min.	4.5-33 hrs.	21 hrs.	5 days
Fast Cure	8 oz.	15 min.	4.5-23 hrs.	9 hrs.	5 days
	16 oz.	10 min.	3.5-22 hrs.	8 hrs.	5 days
	24 oz.	5 min.	2.5-21 hrs.	7 hrs.	5 days
Diamapro-Epoxy Patch	8 oz.	20 min.	5-23 hrs.	23 hrs.	7 days
	16 oz.	15 min.	4-22 hrs.	22 hrs.	7 days
	24 oz.	10 min.	3-21 hrs.	21 hrs.	7 days



# Diamapro-Epoxy Accelerator

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**50°F, 50% RH**

Diamapro-Epoxy Part B	Accelerator/1.5 gal.	Working Time	Recoat Time	Return to Service	Full Cure
MVR-Slow Cure	8 oz.	35 min.	15-35 hrs.	35 hrs.	7 days
	16 oz.	30 min.	14-34 hrs.	34 hrs.	7 days
	24 oz.	25 min.	13-33 hrs.	33 hrs.	7 days
MVR-Fast Cure	8 oz.	10 min.	5-23 hrs.	23 hrs.	5 days
	16 oz.	<5 min.	4-22 hrs.	22 hrs.	5 days
	24 oz.	NR	NR	NR	NR
Slow Cure	8 OZ.	55 min.	17-35 hrs.	35 hrs.	7 days
	16 OZ.	50 min.	16-34 hrs.	34 hrs.	7 days
	24 OZ.	45 min.	15-33 hrs.	33 hrs.	7 days
Standard Cure	8 oz.	40 min.	13-35 hrs.	35 hrs.	7 days
	16 oz.	35 min.	12-34 hrs.	34 hrs.	7 days
	24 oz.	30 min.	11-33 hrs.	33 hrs.	7 days
Fast Cure	8 oz.	10-15 min.	9-23 hrs.	23 hrs.	5 days
	16 oz.	5-10 min.	8-22 hrs.	22 hrs.	5 days
	24 oz.	NR	NR	NR	NR
Diamapro-Epoxy Patch	8 oz.	30 min.	11-15 hrs.	35 hrs.	7 days
	16 oz.	25 min.	10-14 hrs.	34 hrs.	7 days
	24 oz.	20 min.	9-13 hrs.	33 hrs.	7 days

## MIXING

Follow the Mixing Instructions printed on the appropriate Diamapro® Diamapro-Epoxy Technical Data Bulletin.

## CLEAN UP

- Allow the unused material to cure in the mixing vessels.
- Discard the vessels according to the Federal, State and Local regulations.
- Uncured material can be cleaned up using Diamapro® Diamapro-Coat Solvent VOC.
- Properly discard any rags that might have been used.
- Cured material needs to be mechanically removed from mixing paddles.

**Availability: Diamapro® Diamapro-Epoxy** is only available through Diamapro Systems® Authorized Distributors. For a list of Authorized Distributors please contact Diamapro Systems®.

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