

SELECTION & SPECIFICATION DATA

Generic Type	Polyamide epoxy
Description	A two-pack penetrating primer/sealer for contentious surfaces. It is highly flexible with good chemical and solvent resistance and accepts a variety of topcoats. Meets ASTM C-309 Type I specification for moisture retention of concrete.
Features	<ul style="list-style-type: none"> • Universal primer and tie coat • Excellent adhesion to concrete and various Pyrocrete products • Low stress • Compatible with a variety of topcoats • Low odour • Provides 1-2 mils film build
Color	Clear (0910)
Finish	Gloss Chalks rapidly in sunlight
Dry Film Thickness	25 - 51 microns (1 - 2 mils) per coat
Typical Uses	As a primer/sealer for concrete and various Pyrocrete products. Consult StonCor ME Technical Services for specific recommendations.
Solids Content	By Volume 28% +/- 2%
Theoretical Coverage Rate	11.0 m ² /l at 25 microns (449 ft ² /gal at 1.0 mils) 5.5 m ² /l at 50 microns (225 ft ² /gal at 2.0 mils) Allow for loss in mixing and application.
Dry Temp. Resistance	Continuous: 82°C (180°F) Non-Continuous: 104°C (219°F)
Limitations	Not recommended for immersion service.
Topcoats	Most epoxies and polyurethanes

SUBSTRATES & SURFACE PREPARATION

General	Concrete should have a surface texture similar to medium sand paper. Consult StonCor ME Technical Service for specific recommendations.
Previously Painted Surfaces	A test patch is recommended to verify compatibility with existing coatings to evaluate the adhesion to any existing coating and adhesion of existing coatings to the substrate. Consult StonCor ME Technical Service for specific recommendations.
Other Aged Finishes	Apply over clean Pyrocrete that has cured a minimum of 18 hours.

MIXING & THINNING

Mixing	Power mix until uniform
Thinning	Not normally recommended. May be thinned up to 10% with Carboline Thinner #15 when applied over Pyrocrete.

Carboguard 1341

PRODUCT DATA SHEET



MIXING & THINNING

Ratio | 1:1

Pot Life | 14 hours at 77°F(25°C) and less at higher temperatures

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Spray Application | Consult StonCor ME Technical Service for spray equipment and technique. The following spray equipment has been found suitable and is available from manufacturers such as Binks, Devilbiss and Graco.

Conventional Spray | Use a 3/8" minimum I.D. material hose. Hold gun approximately 12-14 inches from and at a right angle to the surface.

Airless Spray | Use a 3/8" minimum I.D. hose. Hold gun approximately 18-20 inches from and at a right angle to the surface.
Pump Ratio: 30:1
GPM Output: 3.0 (min)
Material Hose: 3/8" I.D. (min)
Tip Size: .013 - .015"
Output PSI: 2000
Filter Size: 80 mesh

Teflon packings are recommended and are available from the pump manufacturer.

Brush | Distribute evenly using full brush strokes

Roller | Use a medium to long nap roller suitable for solvent base materials. Distribute material evenly.

APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	10°C (50°F)	10°C (50°F)	10°C (50°F)	0%
Maximum	32°C (90°F)	54°C (129°F)	38°C (100°F)	85%

Do not apply when the surface temperature is less than 3°C above dew point. Special application techniques may be required above or below normal application conditions.

CURING SCHEDULE

Surface Temp.	Dry to Handle or Recoat	Final Cure
10°C (50°F)	24 Hours	3 Days
24°C (75°F)	6 Hours	2 Days
32°C (90°F)	2 Hours	18 Hours

Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure. Excessive humidity or condensation on the surface during curing can interfere with the cure, can cause discoloration and may result in a surface haze. Any haze or blush must be removed by water washing before re-coating. During high humidity conditions, it is recommended that the application be done while temperatures are increasing. If the maximum drying times are exceeded, surface must be wiped with Carboline Thinner #2. If more than one week has elapsed another coat of Carboguard 1341 must be applied before top-coating. Failure to take these measure may result in poor adhesion or delamination between coats.

CLEANUP & SAFETY

Cleanup	Use Carboline Thinner #2. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
Safety	Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.
Ventilation	When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA/NIOSH approved supplied air respirator.
Caution	This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

PACKAGING, HANDLING & STORAGE

Shelf Life	Minimum 24 months at 75°F (24°C) *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
Shipping Weight (Approximate)	2-Gallon Kit: 15 lbs (6.84 kg) 10-Gallon Kit: 75 lbs (34.2 kg)
Storage Temperature & Humidity	Store indoors 75°F (24°C)
Flash Point (Setaflash)	>34°F (1°C) for Part A >48°F (9°C) for Part B

Carboguard 1341

PRODUCT DATA SHEET



WARRANTY

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