

FASTONITE 700

Epoxy coating

Description	<p>FASTONITE™ 700 is an epoxy coating specially formulated for swimming pool applications. Swimming pool service is incredibly demanding being subject to a strongly oxidizing environment and open to intense UV attack especially through the summer months. Equally applicable on existing atmosphere of sodium hypochlorite of maximum 15% concentration.</p> <p>Genuine Kevlar® microfiber reinforcement toughens the coating against physical damage and special UV absorbers extend its life in sunny climates. During the development of this product many otherwise first-rate coating systems were discarded when they were seen to be unable to stand up to the swimming pool challenge. FASTONITE 700 proved outstanding resistance even to concentrated hypochlorite over long periods. All colors including White are available and can be shipped "Non-Regulated" by USDOT, IATA and IMO.</p>																																		
Recommended Use	<p>SWIMMING POOL COATING: Designed for use on fiberglass and plaster pools.</p> <p>Suitable for atmosphere of sodium hypochlorite of maximum 15% concentration.</p>																																		
Technical Information	<table><tr><td>VEHICLE TYPE</td><td>: Epoxy/Aliphatic amines</td></tr><tr><td>PIGMENTATION</td><td>: Color/Inert/fibrous reinforcement</td></tr><tr><td>COLORS</td><td>: Ultra White, Ebony, Caribbean Blue</td></tr><tr><td>FINISH</td><td>: Slight texture</td></tr><tr><td>THINNER</td><td>: Not normally required</td></tr><tr><td>CLEANER</td><td>: MEK or lacquer thinner</td></tr><tr><td>MIXING RATIO</td><td>: 1.60/1.00 v/v</td></tr><tr><td>INDUCTION TIME .</td><td>: 10'</td></tr><tr><td>POT LIFE</td><td>: Approx. 50'/77°F</td></tr><tr><td>FLASH POINT</td><td>: Over 200°F</td></tr><tr><td>SOLIDS BY VOLUME</td><td>: 100%</td></tr><tr><td>SPREADING RATE/GAL</td><td>: 1604 mil/sq. ft./gal, 80 sq. ft./gal @ 20 mils</td></tr><tr><td>DRY TIME, (Dust free)</td><td>: 5 hours at 77°F</td></tr><tr><td>DRY TIME, (Service)</td><td>: 24 hrs. before filling with water</td></tr><tr><td>APPLICATION METHOD</td><td>: Brush, roller, heated plural airless spray</td></tr><tr><td>STORAGE CONDITIONS</td><td>: Normal, Freezing OK</td></tr><tr><td>VOC.</td><td>: Essentially zero</td></tr></table>	VEHICLE TYPE	: Epoxy/Aliphatic amines	PIGMENTATION	: Color/Inert/fibrous reinforcement	COLORS	: Ultra White, Ebony, Caribbean Blue	FINISH	: Slight texture	THINNER	: Not normally required	CLEANER	: MEK or lacquer thinner	MIXING RATIO	: 1.60/1.00 v/v	INDUCTION TIME .	: 10'	POT LIFE	: Approx. 50'/77°F	FLASH POINT	: Over 200°F	SOLIDS BY VOLUME	: 100%	SPREADING RATE/GAL	: 1604 mil/sq. ft./gal, 80 sq. ft./gal @ 20 mils	DRY TIME, (Dust free)	: 5 hours at 77°F	DRY TIME, (Service)	: 24 hrs. before filling with water	APPLICATION METHOD	: Brush, roller, heated plural airless spray	STORAGE CONDITIONS	: Normal, Freezing OK	VOC.	: Essentially zero
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Application	<p><i>SURFACE PREPARATION:</i> This may be accomplished in several different ways:</p> <p>New Concrete or Plaster surfaces are best prepared by abrasive blasting to roughen and remove the weak surface laitance. When prepared properly the surface should have the firm granular appearance of "medium" sandpaper.</p> <p>Aged Concrete or Plaster surfaces may be prepared by either high pressure water jetting at sufficient pressure to remove all loose contamination and yielding a firm, "medium" sandpaper finish.</p>																																		

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Application

Treatment of Deteriorated Plaster Surfaces

Pressure washing of worn plaster will inevitably reveal more weakened or damaged areas. When washing has been completed allow the surface to dry then apply a coat of CORRO-DUR 192 / CORRO-DUR 192 L / CORRO-DUR 915 by roller, this will seal and bind loose surface materials and create an ideal surface for subsequent coats of CORRO-DUR 561 and FASTONITE 700. As soon as the CORRO-DUR 192 / CORRO-DUR 192 L / CORRO-DUR 915 can be walked on start repairing and rebuilding areas where lost plaster has left holes in the finish. CORRO-DUR 561 is a Kevlar® reinforced epoxy paste which is ideal for this job. Using a contrasting color such as gray apply the CORRO-DUR 561 to smooth our badly roughened plaster or to replace lost plaster. Allow the CORRO-DUR 561 / 563 application to cure until "gummy" before proceeding. If necessary the CORRO-DUR 561 / 563 can be left to harden overnight then sanded smooth with an abrasive disc.

Application of FASTONITE 700

This material is supplied in 2-gallon kits of premeasured base and curing agent. The base component is packed in a part filled two-gallon plastic pail and the curing agent is packed in a part filled one gallon steel can. Use a ½" "Jiffy" type mixer to initially stir the base then pour in the curing agent and continue mixing for about one extra minute taking care to incorporate all material from the base and sides of the pail. If unmixed epoxy base or curing agent is applied to the surface **it will never cure.**

APPLICATION

Pour the mixed product into a pan and apply with a roller using a 3/8" nap for both fiberglass and concrete. Use good quality "phenolic core" rollers that will not shed fibers into the epoxy. When making application by brush, use an appropriate sized brush with preferably natural bristles. In some applications it will be useful to either cut an inch or two of bristles from the end or to wrap the base of the bristles close to the shank with duct tape in order to stiffen the brush.

If airless plural spraying the following conditions are recommended:

Ratio: Base/Cure :: 1.6/1.0

Fluid temperature: 130°F

Fluid pressure: 2,250 psi

Tip: 30thou" – angle to suit application

Cleaning solvent: MEK or standard epoxy thinner

Curing Before Services

FASTONITE™ 700 may be immersed in fresh water 24 hours after application. It will cure to a hard film within about 14 hours and is suitable for light traffic after this time.

SAFETY : This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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