Technical Data Sheet

Poly-Glass 320 Retarder

Topcoat Refinishing Paint Component

Description

Help ensure a smooth, professional finish in warmer weather.

While hot weather is good to go to the beach, eat watermelon or relax in the shade, it can cause problems for a refinisher. Heat can cause solvent popping or a rough surface, often resulting in an "orange peel" look from thinner evaporating too quickly.

Increase your chance for success and reduce customer complaints by increasing dry time. Use this with our Poly-Glass 320 coatings. Please keep in mind using too much retarder can alter the dry time for these.

Laboratory Data	Typical Properties
Appearance	Clear Liquid
Flash Point	115°F
Boiling Point	294.4°F
Specific Gravity	0.964

Application

Add 320 Retarder to slow the cure of the topcoat and to avoid solvent popping or a dull looking finish. Do not exceed 30% by volume of 320 Reducer. As an example: For the average size bathtub (35 square foot surface), mix 10 oz. of Poly-Glass 320 resin with 5 oz. of the 320 Catalyst (by volume). Thin with 3.5 oz. of the PolyGlass 320 Retarder and 1.5 oz. of the 320 Reducer to spray apply. The dry time will increase by one to two hours when the Poly-Glass 320 Retarder is used.

7315 Hamlin Avenue - Skokie, IL 60076-3902 - Phone (847) 779-6464 - Toll Free: (800) 888-1081

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Surface Preparation

There are 2 methods of surface preparation. The older method is to etch the bathtub with NAPCO Extra-Strong Etch, and prime with the NAPCO Two Component Epoxy Primer before applying the Poly-Glass 320 series of topcoats.

The second method that is gaining wide acceptance and is recommended by NAPCO is to use the wipe-on primer and bonding agent NAPCO Gorilla Grip, after the bathtub is cleaned with NAPCO Poly Tub and Tile Prep. Refer to the Tech Data Sheets and SDSs for these products.

Mixing Instructions

The NAPCO Poly-Glass 320 Resin should be shaken constantly for 20-40 seconds before use. For the average size bathtub (35 square foot surface), mix 10 oz. of Poly-Glass 320 Resin with 5 oz. of the 320 Catalyst (by volume). Thin with 3.5 oz. of the Poly-Glass 320 Retarder and 1.5 oz. of the 320 Reducer to spray apply.

Temperature/Humidity Considerations

Application temperatures between 65F and 90F are recommended for best performance. In general, application at temperatures above 90F may result in reduced pot-life, lower gloss, and sometimes a powdery appearance known as “dry spray”. Do not use Poly-Glass 320 Retarder at temperatures below 65F.

Notes and Precautions

Refer to the SDS sheet before use. For the average size bathtub (35 square foot surface), mix 10 oz. of Poly-Glass 320 Resin with 5 oz. of the 320 Catalyst (by volume). Thin with 3.5 oz. of the Poly-Glass 320 Retarder and 1.5 oz. of the 320 Reducer to spray apply.

All components should be stored indoors between 50-90 F. Shelf-life in unopened containers is one year from the date of manufacture.

Storage

All components should be stored indoors between 50-90 F. Shelf life in unopened containers is one year from the date of manufacture. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight.

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