

# PyroTarp Epoxy Liquid PTL333C

## Application Instructions

PTL333C is a two part Epoxy system. When mixed in **proper proportions**, it creates a durable fire resistive finish with excellent adhesion and corrosion resistance. **Please read these instructions before using this material.**

### **SURFACE PREPARATION:**

Always make sure that surfaces to be coated are free and clean of oils and dirt. Adhesion can be enhanced by lightly roughening smooth surfaces.

### **MIXING:**

PTL333C cures best when the resin and the hardener are mixed in their **recommended proportions**. Mix 100 parts, by weight, of the resin to 7.00 parts of the (h) hardener.

### **POT LIFE:**

Pot life is the period of time after mixing until the material starts to gel. The end of pot life starts when, during the application, the brush or roller begin to drag and the texture of the mixture turns "cottage cheesy". Further attempts to apply the mixture, at this point, results in a poor appearance.

### **APPLICATION TECHNIQUES:**

Warming the resin to 150°-160° F, (66°-70°C) **before** adding the hardener, lowers the viscosity, allowing the mixture to flow more easily and cure faster (shorter pot life), while providing a smoother, more uniform coating. For a faster and often smoother cure, in addition to warming the resin, warm the object being coated up to 150° F, before coating. Then, let the coated object cure either in a warming oven or at room temperature.

### **SPRAY APPLICATION:**

PTL333C can be applied via a heated spray gun. We recommend a Graco Extreme Mix Plural Component Spray machine (or equivalent) which sends the preheated components, separately, through heated hoses at temperatures between 150°-180° F, until they meet the point of discharge and mix at the proper ratio. This will cause the hardener to be activated quickly and minimize the effect of gravity on vertical, non-level or irregular surfaces.

Another spray technique to avoid "sagging or running" on vertical surfaces is to apply a light "dust coat" that allows the finish coat to anchor.

Utilizing a spray unit as above means that the epoxy will not set up in the machine. The mixing occurs in the disposable, inexpensive spray tip.

### **CAUTION:**

**ALL EPOXIES SHOULD BE HANDLED WITH CARE IN WELL VENTILATED AREAS. DO NOT BREATHE VAPORS FROM THE LIQUIDS. WHEN SPRAYING, IT IS RECOMMENDED THAT AN ACTIVATED CHARCOAL FILTERED MASK AND EYE PROTECTION BE USED. WHEN MIXING AND FOR HAND APPLICATION RUBBER GLOVES AND EYE PROTECTION ARE RECOMMENDED.**

### **CLEAN UP:**

To speed clean up, work surfaces may be covered with polyethylene plastic, as cured epoxy resin does not adhere to this material. Brushes and rollers should be discarded in polyethylene trash bags. Solvents such as acetone and xylene may be used for clean up. However, strict adherence to the safety requirements of the solvent manufacturers is recommended.

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