

# REDBAC EPOXY GROUTS

## APPLICATION INSTRUCTIONS

### CONCRETE PREPARATION

Remove all oil, grease, or contaminated concrete. Abrade or grind the surface down to sound aggregate. The concrete must be **dry** and free of laitence, coatings or curing compounds. Anchor bolt holes must be dry! Light sand blasting or acid etching surface preparation procedures may result in poor bond and should be avoided. Do not prime or seal concrete surfaces.

### FORMING

Standard wood or metal forming may be used. The wood should be protected with heavy coats of paste wax, grease, or form release agent. Wrapping the forms with heavy plastic is acceptable. The forms must be caulked and sealed to a liquid-tight condition.

When placing forms for grouting, it is absolutely necessary that the top of the forms be at least half way up the sides of the base plate or machine base. Placing the grout just to the bottom of the base plate will result in an improper grout job. If the forms cannot be placed half way up the side of the machine base, the minimum distance is 3/4 inch above the bottom of the machine base.

The forms should be placed between 2 and 6 inches away from the perimeter of the machine base to allow for the air to escape and to provide for a grout shoulder around the base plate.

### PREPARATION OF METAL SURFACES

Anchor bolts should be protected with heavy coats of paste wax or grease. Base plates or sole plates to be grouted should be sand blasted to a "white metal" condition. If it is impossible to grout within 24 hours of sandblasting, the surfaces should be primed with a high-quality, non-aqueous primer. Do not use porch and deck enamel or red-lead primer.

### MIXING THE GROUT

**Two Component Grouts (Resin and Hardener)** - Open both containers and pre-mix the resin side, then pour the entire contents of the small can (hardener) into the large container (resin). Mix with mixing paddle in a low speed drill (850 rpm) until a uniform color appears (3 to 4 minutes). **DO NOT ADD ANY WATER, SOLVENTS OR "THINNERS"**.

**Three Component Grouts (Resin, Hardener and Filler)** - Open the pail or box and remove all the cans. Remove the filler (if present) from the pail. Pour the entire contents of the resin can into a pail or mortar mixer. Add 1/2 of the filler and mix for 1 minute. Pour the entire contents of the hardener can into the resin. Add the remaining filler and mix until uniform in color, usually 3 to 4 minutes. **DO NOT ADD ANY WATER, SOLVENTS OR "THINNERS"**.

**DO NOT EYE-BALL PARTIAL KITS.**

## **POURING**

REDBAC Grouts will self-level but may need help to enhance flow under base plates, especially in colder weather. Always sweep from one side of the base toward the other to eliminate entrapped air.

## **TEMPERATURE PRECAUTIONS**

The storage temperature of the unmixed kits of REDBAC will greatly affect both the ease of mixing, pouring and ultimate cure time. For the best results, REDBAC kits should be stored in a warm room for at least 24 hours before use.

During cold weather (below 50 °F), it is important that the foundation be enclosed and maintained above 50 °F. The cure time of the grout will be longer during cold weather and it is important that the grouted area be kept warm (above 50 °F) until the grout has cured completely.

## **CLEAN-UP**

Uncured REDBAC grout can be removed from tools and equipment with isopropyl alcohol, xylol, ketones or Copps Enviro Kleen.

## **SAFETY**

**CAUTION:** Always mix and pour in a well-ventilated area. Avoid contact with skin and eyes. If contact does occur, wash skin with soap and water and seek medical help. Do not weld on, burn or torch on or near any epoxy material. Hazardous vapor is released when an epoxy is burned. See cautions on can labels and Material Safety Data Sheet for complete safety information.

## **WARRANTY AND DISCLAIMER**

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