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Fabreeka® #700 Epoxy Adhesive Application Sheet

Fabreeka #700 Epoxy Adhesive is ideal for bonding Fabreeka pad, SA-47 pad, Fabreeka-PTFE* pad, Steel, Aluminum and Stainless Steel to a variety of compatible materials, such as, wood, rubber, plastics, ceramics, metal and concrete. It will bond equally well to some of the more difficult substrates, such as, polyethylene, polypropylene, nylon and Tedlar®. It can be cured (set) at room temperature or heat may be used to speed the cure. The #700 epoxy adhesive is supplied in 50 CC cartridges with an applicator gun or 1 gallon containers. Each cartridge covers approximately 1.3 square feet. A gallon covers approximately 100 square feet. Coverage depends on thickness applied.

** PTFE must be protected from debris and direct sunlight with a "light obstructing" layer of black plastic. Exposing PTFE to direct sunlight can deteriorate adhesive bond.*

Bond Surface Preparation

- Thoroughly etch-clean and/or sandblast bond surface on concrete/metal
- Thoroughly buff and clean rubber bond surface

Application

- Load supplied gun with adhesive cartridge and application tip. Then apply adhesive to the surface to be bonded.
- ***Epoxy will harden/cure in application tip after 30 minutes, if not in continuous use. Replace application tip when necessary.***
- Using the supplied "V" notched, serrated applicator, spread adhesive evenly over surface.
- Place unit to be bonded securely in place by blocking and/or clamping to prevent movement during the 240 hour epoxy full cure time (fixtures may have to be made for this step). The epoxy full cure time may be decreased by the application of heat. Please note the following: 2.75 hours at 165°F, 1.75 hours at 216°F or 0.75 hours at 300°F.
- Remove all restraints and place unit under normal load.

Characteristics

- Operating temperature: -80 to +300°F
- Specific gravity: 1.20 to 1.35
- Exhibits high shear bond strength

Part Number	Description
EPOXY KIT	Includes 1 gun, 2 mixing tips, 1 trowel and 1 cartridge
CART	Additional cartridges as required

Military Specifications

- Meets the requirements of MIL-A-8623, MIL-A-14202, MMM-A-134 and Naval Ordinance #2662718.