

Installation Instructions

Fiberglass Resin Kit

(FRK-2000)

IMPORTANT: Read these instructions completely before mixing chemicals. The resin solution and catalyst are highly flammable. It is important to use the FRK-2000 outside or in a well-ventilated area. Fumes are flammable and may build up in poorly ventilated areas.

NOTE: The Fiberglass Resin Kit (FRK-2000) is for use with the following FlexWorks Sumps:

DBS-3642F	DBS-4242F
DBS-3642FB	DBS-4242FB

WARNING: Catalyst contains METHYL ETHYL KETONE PEROXIDE (MEKP). Avoid direct contact with skin. If skin contact occurs, wash immediately with soap and water. Should eye contact occur, flush immediately with water and contact a physician.

WARNING: Resin solution is highly flammable. Avoid skin contact. Avoid inhalation of fumes. This material contains STYRENE which is listed by the IARC on Cancer as a group 2B cancer causing agent (possibly carcinogenic to humans).

MSDS Sheets available upon request.

Kit Includes:

- 2 Quart can of putty
- 1 Gallon can of fiberglass resin
- 4 oz. bottle of red catalyst
- 330" of fiberglass matting material
- 1 wooden stir stick
- 1 pair of latex gloves
- 1 3" roller with handle
- 1 screw package (30) screws

STORAGE: The contents of the FRK-2000 are highly flammable. Do not store near flames, sparks, or pilot lights. No Smoking. The shelf life of the FRK-2000 is related to temperature. Do not store resins above 90° F. A maximum shelf life of 6 months can be expected when stored at or below 75° F. Storage in temperatures below 70° F is recommended. Discard any out dated resin in accordance with RCRA Hazardous Waste Methods.

PREPARATION: Prior to mixing the catalyst with the resin solution, the mating surfaces to be bonded must be properly prepared. Be sure all cut edges are smooth

and even. Grind or sand both surfaces to be bonded a minimum of 4" on each surface. Be sure surfaces are free from any oils or debris. Fill in any excessive gaps with putty material. This will reduce the coverage area of the matting material as well as seal the joint and prevent the resin from seeping through. Include this on both the inside & outside of the sump.

APPLICATION: On a smooth disposable surface (e.g. cardboard), lay out sections of fiberglass matting at least two plies thick. Be sure to limit the lengths of the matting strips, as the temperature will dictate the amount of time you will have to work before the fiberglass resin sets up.

CAUTION: Before handling resin and catalyst, be sure to have the following:

- Gloves
- Chemical splash goggles
- Well ventilated area

Mix putty and resin as per the proper hardener ratio:

2 oz. of hardener for 1 gallon of resin.
1 oz. of hardener for 2 quarts of putty.

Note: This will vary with temperatures and direct sunlight. If used in temperatures above 80°F reduce hardener to allow proper working time.

Immediately stir the mixture thoroughly and pour it onto the matting material. Once the matting is evenly wetted down, place it over the joint. Then, using the fiberglass roller, roll out the matting smoothly getting out any air bubbles and pockets, feathering out the edges into the part.

Repeat this process until the entire joint is glassed in. Once the joint has cured completely, hydrostatically test the sump to ensure liquid tightness.

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IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS

Please contact your OPW-FCS sales representative or OPW-FCS customer service representative at 1-800-422-2525 for OPW-FCS products installation procedures. All OPW-FCS literature including installation instruction sheets and manuals can be accessed from the OPW-FCS website at: www.opwfcs.com.

The use of non-qualified personnel or any deviations from these recommended procedures could result in damage or leakage of the system.



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