

Installation Instructions

Epoxy Resin Adhesive Kit (RK-5000)

NOTE: The Epoxy Resin Adhesive Kit (RK-5000) is for use with the following FlexWorks Sumps:
TSDf-4536 TRFS-4260
TSMF-4536

IMPORTANT: Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.

WARNING - DANGER: Using electrically operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards, and always use proper precautions.

Precautions: When working with Epoxy Resin Adhesive, always wear eye protection and protective gloves. Avoid prolonged or repeated skin contact. Avoid breathing vapors.

FIRST AID: If ingested, do not induce vomiting: Lung aspiration hazard. Consult a physician immediately. Flush eyes with abundant water. Wash skin with soap and water. If irritation persists, consult a physician. In case of discomfort from vapors, move to a well ventilated area.

See Material Safety Data Sheets
Emergency Phone No.: 416-674-0510

Epoxy Resin Adhesive Kits

FlexWorks Epoxy Resin Adhesive Kits (P/N RK-5000) are used as follows:

- To attach FlexWorks Fiberglass Tank Sumps to a 42" diameter containment collar on an underground storage tank.
- To join the base and the top of FlexWorks Fiberglass Tank Sumps.

One (1) full Epoxy Resin Kit is required for each joint. Do not mix kits or use one kit for more than one joint.

IMPORTANT: For best results, FlexWorks Fiberglass Tank Sumps should be installed when the ambient temperature is at least 35°F to allow proper curing of the epoxy resin adhesive. The following procedures are predicated on temperatures of 35°F to 100°F with normal humidity conditions.

Step #1 - Surface Preparation

Roughen the surfaces to be joined with sandpaper. Wipe surfaces with a clean dry cloth to remove any dust, dirt, grease, or oil. The sanded surfaces must be free from moisture and other contaminants for the adhesive to produce an effective bond.

Step #2 - Mix Adhesive

For best results, the epoxy should be stored and mixed at room temperature. If the temperature is below 60°F, the adhesive must be warmed and mixed indoors. Pour the entire contents of Can B and Can A into mixing container. Thoroughly mix the adhesive with the provided mixing stick or with a drill mounted mixing paddle at low speed for a minimum of three (3) minutes. Be sure to scrape the bottoms and sides of the container to ensure proper and complete mixing.

Step #3 - Fill Joint with Adhesive and Let Harden

Pour the entire mixture into the joint as shown in the FlexWorks Fiberglass Tank Sump Installation Instructions. Allow adhesive to set-up undisturbed until it is hard. The following chart can be used as a guide for approximate hardening times (actual set-up times will vary depending on temperature and humidity):

Ambient Temperature	Minimum Set-up Time
35°F	20 Hours
40°F	14 Hours
50°F	8 Hours
60°F	5 Hours
70°F	3 Hours
80°F	2 Hours
90°F	1 Hour
100°F	1/2 Hour

Note: The data presented in the above table is based on laboratory conditions. Set-up times may vary under field conditions. Epoxy kit must be stored and mixed at room temperature for best results.

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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.opwglobal.com.



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