



SunPatch Roof Repair Kit for Small Repairs

For use with Repair Kit #R50SNPTCHKIT1 | Roof Repair Kit (R50TFIX) also available for large repairs

Get Your Trailer Out of the Repair Shop and Back on the Road in 30 Minutes!

The SunPatch fiberglass repair kit is a technique specifically designed for repairing damage to Crane Composites' roof panels. The patch is a pre-impregnated fiberglass mat packaged individually in a foil pouch and is easy applied.

- Repairs for small tears and punctures
- Cures in 10 minutes after exposure to UV rays
- Works in hot or cold climates (0-100° F)
- No mixing of resin required
- Kit comes ready to use with plastic gloves and a squeegee

Call 1.800.435.0080 for the nearest authorized dealer

Please Read All Instructions Before Beginning

These guidelines are provided in good faith, but without guarantee. The manufacturer and/or distributor of the product bear no responsibility for actions taken or not taken. There are many nuances of repair techniques that are assumed to be general knowledge; such nuances are not included in these instructions. Rather, these guidelines are strictly recommendations and are not intended to serve as a step-by-step, foolproof repair checklist. Selection of an experienced repair facility is the sole responsibility of the owner.

Since conditions of use are beyond Crane Composites' control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents.

If you have any questions about repair techniques for your particular project, please call 1.800.435.0080 or 1.815.467.8600 and ask for Customer Care or e-mail sales@cranecomposites.com.

CAUTION: Wearing disposable latex gloves, goggles, and use of an OSHA approved respirator are recommended. Read and follow all manufacturer safety recommendations on labels of materials used for repair. Some materials may be flammable and should be used with caution.

Please review the SunPatch MSDS at www.cranecomposites.com before beginning repair.

Important

Below you will find instructions for this easy-to-apply patch for Crane Composites roof products (reefer roof and translucent roof) that will fully cure in 10 to 20 minutes after exposure to sunlight. The patch will begin curing immediately after exposure to U.V. light. Do not open the patch until instructed to do so.

It is recommended that rubber gloves and an appropriate breathing apparatus be used if working indoors

Contents include:

- SunPatch
- Squeegee
- Gloves
- SunPatch Instructions (form #6335)
- SunPatch MSDS

Application Instructions for SunPatch Repair Kit

1. Identify the damaged area. Proceed to step 2 for translucent roof or reefer roof with no underlying foam damage. If the foam has been damaged, fill the hole or void with body filler or a spray foam product (e.g., Great Stuff® or other similar product). Proceed to step 2.



2. Using 80 grit sandpaper, sand an area at least 4" wider than the damage on all sides. Then, cut the patch to fit the sanded area. Sand until the embossment is no longer visible and the area has a uniformly dull appearance (a disc or belt sander can be used). Remove the sanding dust from the patch area with a dry cloth or shop vac. Wipe clean with acetone.



3. **For Translucent Roof Only:**
On the backside of the damaged area, apply masking tape or packing tape to seal the repair area. This will prevent air from entering the patch from the backside.



4. Do not perform the repair if it is raining. Excessive moisture, will inhibit the cure.



Remember that the patch will begin to cure as soon as it is exposed to sunlight. **Do not open the pouch until you are ready to use it.**

5. Remove the smooth film from the backside of the patch. Be sure the abraded area is dry.



Lay the smooth side of the patch over the abraded area, so that the embossed side of the patch is facing up.

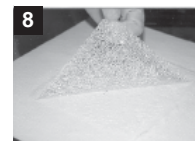
6. Use a squeegee to work the resin from the center to the edges. Continue this until a small amount of resin is squeezed out around the perimeter of the patch. After the patch has been exposed to sunlight, the patch will be cured in 10 to 20 minutes.



7. Check the patch to see if it is cured. It will be hard to the touch. Resin that is not covered by the film, will feel tacky, but if the patch feels hard, it is cured. Remove the embossed film. (The film can be left in place, but may release from the patch on its own) Remove any tape from the bottom side of the panel. Cover backside with silicone. The repair is now complete. Expose the resin side of the foil pouch to sunlight until cured for proper disposal.



8. **For Reefer Roof Only:**
After the patch is fully cured, you may want to spray paint the repaired area with a white exterior paint (acrylic urethanes or acrylic enamels work well) to blend in the repaired area with the rest of the roof.



www.cranecomposites.com | 1.800.435.0080 | 1.815.467.8600 | sales@cranecomposites.com

Crane Composites is the manufacturer of ArmorTuf, Kemlite and a variety of other fiberglass reinforced plastic (frp) composite panels. Inspired by the Kemlite tradition, Crane Composites has over 55 years of experience in Transportation Products and is a recognized industry leader in frp applications.

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents.

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Form 6335 | Rev. 10 | 10.11 | (5887)