



Shelter Works
2616 S. 3rd St.
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www.shelterworks.com

SERVICE/WARRANTY WORK

INSTRUCTION ON REPAIR TO FIBERGLASS DAMAGE

All repairs should be performed in dry and warm conditions. The part being repaired should be at least 65F, and the ambient air temperature should be at least 65F. Moisture will cause the repair to fail.

Included in the kits are the MSDS for the materials, please read and familiarize yourself with the materials to be used.

The repair kit includes:

- ½ Pint of White Putty
- ½ Pint of White Gel Coat
- 1 – 11ml tubes of Liquid Hardener
- Stir Sticks
- Rubber Gloves
- 2 - 32oz White Paper Cups
- Small piece of Fiberglass Mat

IN ADDITION TO THE MATERIALS SENT IN THE REPAIR PACKAGE YOU WILL NEED ACETONE FOR CLEAN UP AND SOME COTTON WIPING RAGS.

MAKE SURE TO USE GLOVES AND OSHA APPROVED EYE PROTECTION WHEN DOING ANY REPAIRS

STEP 1: Clean out damaged area. It is important that all the loose and broken area be removed and that the area be free of all dirt and debris.

We typically would use a small hand held rotary tool (like a Dremel), with a coned shaped rasp bit to remove all the damaged area. Once all the bad material has been removed, clean out the area with a clean wiping rag soaked in acetone to remove all the dust and loose material.

STEP 2: Put some putty into one of the 32-oz cups and add some of the hardener. The ratio is 100 parts putty to 1 ½ parts hardener. The more you put in the faster it will harden. Stir the two together, making sure to blend well.

STEP 3: Fill the area with the putty mix about ½ of the total depth.

STEP 4: Rip small pieces of the fiberglass roughly the size of the hole and push them into the putty.

STEP 5: Fill the rest of the area with putty and bring it up to just over flush with the surface.



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STEP 6: Once hardened you can sand the area smooth and conform the hardened putty to the radius of the wall.

STEP 7: If there are still areas that do not look right repeat the steps until you are satisfied with the results.

STEP 8: Once you have the putty sanded and the area flush with the wall, mix a small amount of Gel Coat with the liquid hardener.

STEP 9: Using the small chip brush, apply the gel coat over the putty area. For the best result dab verses brush the gel coat.

Once your repairs are complete, it will be necessary to harden off the unused portion of the putty and gel coat. Simply mix the remaining liquid hardener into each can in an amount sufficient to harden off the material.

DO NOT DISPOSE OF THE MATERIALS IN THEIR LIQUID STATE
they are considered hazardous materials.

Once hardened they become inert and can be simply thrown in the trash.

Any questions please call 314-664-9300