

BARTOP CRACK REPAIR USING BINDING RESIN

Required Materials:

Safety glasses
Latex gloves
Extension cord
3/8" variable speed drill
Drill wire brushes of varying sizes/types
Red Devil paint scrapers
36-grit sanding paper
Assorted tools for foam digging
Masking tape
Masking paper
Drop cloth

Kits Contents:

1 pint Binding Resin, white
HPT-9 Catalyst
Graduated mixing cups
Wooden stirring sticks
Latex gloves
Fiberglass mat
Brush
Instructions

Safety Requirements:

No smoking or open flame.

Safety glasses, latex gloves – wear at all times.

Read all MSDS sheets prior to starting repair and read and understand all instructions.

Ventilation: Perform this repair in a well-ventilated area.

Keep away from children and animals at all times.

Safety Precaution: Spa shell repairs require personal contact with a variety of components, each having its own unique characteristics. When handling these materials, read and follow the safe handling procedures on the labels and the applicable MSDS. During grinding, drilling, sanding, etc., eye and hand protection is required. Do not breathe vapors or mists. Individuals with a history of lung or breathing problems should not use or be exposed to this product. Keep away from heat, sparks and flame. Vapors may cause a flash fire. Close containers after each use. Dispose of properly.

Foam Dig: In any bartop crack repair, the structure underneath the spa, plumbing and foam must be removed in order to gain access to the damaged area. The following steps are necessary:

- (1) Any paneling must be removed from below the area of damage to gain access.
- (2) Foam must be removed below area of damage to gain access.
- (3) Any structure that may be in the way must be removed. Save for later because you will need to reinstall it.
- (4) It is generally recommended the plumbing lines be cut; to be re-coupled towards end of repair when rebuilding occurs.
- (5) There is a 30 lb. hard coat foam that is applied to the back of the shell. This must be removed using different scraping tools or the use of a variable speed drill with an

- assortment of wire brush bits to assist in cleaning this foam from the back of the ABS shell. NOTE: If this is not removed, the repair will not adhere to the 30 lb. foam.
- (6) After all the foam is removed, sand the ABS surface with 36-grit sandpaper to remove all foam residue and to apply deep scratches into the ABS surface.
 - (7) Clean the area with Isopropyl Alcohol to remove all oils, grease and dirt so that you can begin the binding resin repair with fiberglass mats.
 - (8) After the binding resin repair has been completed, reverse the steps in rebuilding the structure, plumbing and refoaming of the spa.

Key Points:

- ▶ Temperature range for repair is 60° to 90° F. Outside this temperature range, this repair will not cure correctly.
- ▶ Keep the work area clean by using masking tape and drop clothes. This will assist in clean up later on. Binding resin is thin in nature so drips are a possibility. Prepare your area to prevent a lengthy clean up or possible damage to Customer's location.
- ▶ Discard empty plastic bottles, used gloves and mixing cups properly. Follow all local, state, and federal government regulations. Wash hands and other exposed skin areas with soap and water when finished.

Technical Support: If you have any questions about this repair procedure, please contact Watkins Manufacturing Technical Support at the following telephone number or email. Telephone Number: 800-999-4688 or 760-598-6464 Technical Support Extension 8115. Email: techsupport@watkinsmfg.com