#### BARTOP CRACK REPAIR USING BINDING RESIN FOR APPLICATION



# Step 1:

A foam dig must be performed in order to expose the back of the ABS shell.
Remove all foam and plumbing and any support that may be in the way.



#### Step 2:

Sand the back of the ABS shell with 36 grit sandpaper to remove any leftover foam and put in deep sanding scratch so the binding resin can adhere to the ABS portion of the shell.



### Step 3:

Cut mat sheets together to go 3" past crack in all directions to ensure proper support for the spa shell.



# Step 4:

After all foam is removed along with 36 grit sanding scratches, the back area of the shell must be cleaned with Isopropyl Alcohol.



Step 5:

Mixing ½ oz. binding resin, add 8 drops of HPT-9 Catalyst. For mixing 1 oz. binding resin, add 16 drops of HPT-9 Catalyst. Mix well.



#### Step 6:

With the supplied brush, apply the mixed binding resin to the back of the shell.

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Step 7:  With the first mat apply binding resin to saturate mat completely.  Note: Multiple batches of binding resin are needed to complete the steps.		Step 8:  Apply the first mat layer to ABS surface. Use the brush to remove any air pockets.
Step 9:  Apply binding resin over the first mat. Allow binding resin/mat to cure for 20-30 minutes before going to Step 10.		Step 10:  Now with the second mat, apply binding resin to saturate the mat completely.
Step 11:  Apply second mat over first mat. Use the brush to remove any air pockets.  Apply last coat of binding resin to mat surface and coat entire area.	Allow a few hours before rebuilding the structure, plumbing and re-foaming of the repaired area.	Step 12:  After this point, you can start the surface repair.