

# BioPrism® Solid Surface

## Installation Instructions Patch Repair Kit

Please read all instructions before installing products.



### BioPrism® Solid Surface Patch Repair Kit

**Contents:** Two paper cups for measuring and mixing, Wooden mixing sticks, Bio-resin, ATH filler, Color filler, Pigment (solid colors), Catalyst

1. When repairing a crack, drill a hole through the material at the end of the crack. This will “dead-end” the crack and stop it from running. Using a Dremel tool, ream out the crack. For best results, slightly bevel the very top edge of the reamed area.
2. Clean damaged surface and surrounding area with denatured alcohol. Make sure to get down into any voids. Allow to dry.
3. Take blue painters tape and create a dam around damaged area to eliminate any over spill onto other surfaces.
4. After damaged area is prepped, mix the patch kit. From the start of the next step (#5), you will have approximately 15 minutes until the repair material is beginning to cure and be un-pourable.
5. Pour  $\frac{3}{4}$  ounce of resin (approximately  $\frac{1}{4}$ ” high in paper cup) into the paper cup.
6. Add  $\frac{5}{8}$  ounce of ATH and  $\frac{5}{8}$  ounce of color filler (approximately 1 tablespoon each) and mix thoroughly, stirring and blending the components completely.
7. If mixing a solid color, add 4-5 drops of pigment and check color of mix to color of material. Add more pigment until satisfied with color match.
8. Dispense 6 drops of catalyst into mix with eyedropper.
9. Stir steadily with a mixing stick for at least 2 minutes.
10. Overfill the damaged area with the mixture and allow it to harden completely. 24 hours is recommended; cooler temperatures require longer set-up times.
11. After mixture is fully cured, sand area with 80-120 grit sandpaper on a random orbital sander to just about flush with the surface.
12. Continue sanding with 100 Micron paper, then 60 micron paper and finish with a maroon scotch-bright pad. For darker colors, you may need to continue finishing with grey and, if necessary, white scotch-bright pads.

***The above formula produces 2 ounces of material which is enough to patch 2 cubic inches.  
Due to lot variations, some color differences may occur.***

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