

Bondo® Liquid Resin for Fiberglass

Bondo® Liquid Resin for Fiberglass is a two-part high-strength polyester resin that can be used for repairing chips and cracks or rebuilding surfaces on fiberglass, metal, wood, and masonry. This all-purpose material is used to repair breaks and recreate or join surfaces; its waterproof formula creates strong, durable seal and it can be used with fiberglass mats or cloths over a wide variety of projects.

Additional Product Safety and Health Information Source: Safety Data Sheet (44-4633-2) or call 1-800-494-3552. For more content, training videos and product information, visit Bondo.com.

Project Ideas

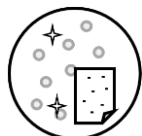
- Recreate or join surfaces for auto, boat, and home applications.
- Concrete and wood sealer.
- Repair fiberglass boats, showers, hot tubs.

Surfaces

Fiberglass, metal, wood, and masonry surfaces.



Workable
8 – 12 min



Cure/Sand time
2 hours



Waterproof
Yes



Stainable
No



Paintable
Yes



Type of Hardener
Clear liquid (included)

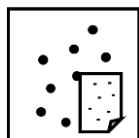


Color when cured*
Translucent Light Brown
*if mixed properly



Safety

Use this product only with adequate ventilation and always wear appropriate personal protective equipment (eye, skin, respiratory and hands). Refer to Safety Data Sheet for more information. Make sure to read and understand all safety information on the product before using.



Surface preparation

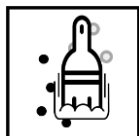
- For repairing cracks in fiberglass: Sand in and around the damaged area with 80 grit sandpaper, removing any gel coat, paint, primer, and debris. Clean again with a low VOC compliant cleaner and allow to dry.
- For repairing damaged fiberglass and metal areas with holes and gaps, fiberglass cloth or mat is needed to reinforce the repair: Cut away the damaged area and any loose pieces. Sand the repair area to remove all primer, paint, rust, or gel-coat using 80 grit sandpaper or a 40 grit sanding disc. Sand 2 to 3 inches beyond the repair area down to bare metal or fiberglass. Clean again with a low VOC compliant cleaner.
- For use as a concrete or wood sealer to seal small areas: Clean the surface to make it free of dust and debris.
- For any other surface: Clean all surfaces to be repaired, or sealed, with soap and water followed by a low VOC compliant cleaner. Allow to dry.



Mixing

Estimate the amount of resin needed to complete the repair. The working time of mixed resin is 8 to 12 minutes at 75 °F (24 °C), so only mix it in small amounts that can be used within that time. Use a push pin or thumbtack to open the end of the hardener tube. Mix 1 ounce of resin with 10 drops of hardener; if more resin is needed see the table to the right to estimate the amount of hardener. Use a clean, wax-free mixing cup and scrape the sides of the cup to ensure complete mixing while stirring gently for 30 to 45 seconds. Do not mix hardener directly into the resin can.

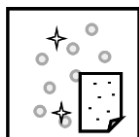
Product size	Resin	Hardener
Any	1 ounce	10 drops
Any	6 tablespoons	¼ teaspoon
0.9 Pint	¼ can	¼ of a 0.37 oz tube
0.9 Quart	¼ can	¼ of a 0.74 oz tube
0.9 Gallon	¼ can	½ of a 0.74 oz tube



Application

- For repairing cracks in fiberglass: Using a paint brush, apply Bondo® Liquid Resin for Fiberglass into the crack and surrounding area, clamping the cracked area together as needed. Allow resin to cure.
- For repairing damaged fiberglass and metal areas with holes and gaps, fiberglass cloth or mat is needed to reinforce the repair: Pre-cut several pieces of Bondo® Fiberglass Cloth or Mat, sold separately, to extend 2 to 3 inches beyond the repair area. Using a paint brush, apply a coat of the mixed resin on the repair area extending 2-3 inches beyond the repair. Place the first layer of fiberglass cloth or mat onto the mixed resin to tack it in place. Now brush additional mixed resin into the cloth or mat. A dabbing motion will help ensure that the cloth is saturated with resin and may help remove any air pockets. Continue applying additional layers of fiberglass cloth or mat and mixed resin, as needed, while the first layer is still sticky or wet. If the surface has dried hard and is no longer sticky, sand with 80 grit sandpaper before applying additional layers of mixed resin and fiberglass cloth or mat. Follow the same procedure if both sides are being repaired.
- For use as a concrete or wood sealer for small areas: Brush or roll the resin onto the surface until saturation to create a water-tight finish. Note that the product will be slippery after curing; do not use on walking surfaces.
- For repairing pinholes or waterproofing a surface: Using a paint brush, apply Bondo® Liquid Resin for Fiberglass onto the surface until saturation to create a water-tight finish.

Material cures in approximately 2 hours at 75°F. Curing will take longer in cooler temperatures. To speed curing time, a heat lamp may be used 18" from the repair area for 15 minutes. CRACKING CAN OCCUR IF OVERHEATED.



Finishing

Smooth the repair area using 180 grit sandpaper and featheredge to blend it into surrounding surfaces. The repair is now ready for primer, paint, or gel coat. Follow paint manufacturer's recommendation for priming and final finishing.

Cleanup: while the mixed resin is still wet, clean paint brush and tools with acetone or lacquer thinner.

DO NOT POUR MIXED RESIN BACK INTO THE CAN as it will harden the rest of the contents. Store the hardener tube under the plastic resin container cap.