

How to use

1. Prepare Your Work Area and the Surface

If you're using Gorilla Epoxy for the first time, or bonding a new type of material, we always recommend trying a test piece first.

Prepare your work area: It is recommended to use Gorilla Epoxy in a well-ventilated area. Be sure your work area is protected from spills. Gather your mixing tray and stir sticks so that all your supplies are together.

Prepare the surface: To improve adhesion, roughen smooth surfaces before gluing. Then clean and dry all surfaces to be bonded.

2. Mixing Gorilla Epoxy

Remove the black cap from the two syringes. With tip pointing upward, cut or snap the end from tip of the syringes. With the tip still pointing upward, eliminate air and ensure even dispensing by slowly pushing the plunger until both the resin and the hardener are at the tip.

Push the plunger to dispense even amounts of resin and hardener onto a clean, disposable, contained surface. The package itself can be used as a mixing tray. If you flip the plastic blister shell over, you can use the small well as a starter dish to begin dispensing until both the resin and hardener are flowing equally. Once the flow is even, move to the larger mixing well to dispense your even ratio.

Mix the two parts for about 20 seconds, until the mixture is uniform. Apply within 5 minutes.

As you mix, you will notice that the epoxy warms up. This is a reaction that occurs as the resin and hardener combine.

3. Application

After mixing is complete, apply Gorilla Epoxy within 5 minutes. The epoxy mixture will continue to thicken and the bond strength will decrease the longer you wait to apply.

4. Clamping

To reach maximum bond strength, clamp project together and leave undisturbed.

Important Cure Times

Set: 5 minutes to apply and position

Handling: Allow to cure for 30 minutes undisturbed (no weight or handling)

Final Cure: Allow 24 hours for load-bearing weight

Storage: To close, pull plunger slightly back. Wipe tip clean with dry cloth and align notch on tip and cap. Close tightly.

Technical specs

APPLICATION TEMPERATURE – 50° to 100° F

SERVICE TEMPERATURE – -10° to 180° F

OUTDOOR – Yes

MOISTURE RESISTANT – Water resistant – not recommended for continual water exposure

PAINTABLE – Yes – Can be painted with latex paint

SANDABLE – Yes

STAINABLE – Yes – Can be stained with water based stain

CURED COLOR – Clear

STORAGE TIPS – Store in a cool, dry location. Keep resin and hardener separate. Wipe tip clean with a dry cloth.

GAP FILLING – Yes

FAQ

How should I store Gorilla Epoxy?

Shelf life for Gorilla Epoxy is a maximum of two years. The adhesive is not activated until the resin and hardener come in contact with one another, so the shelf life is likely to be much longer if the epoxy tip is wiped clean after each use and the cap is securely replaced. Make sure you notice the notch on the cap and be sure to align that with the notch on the syringe tip. This will further ensure the two parts do not accidentally mix.

Do I need to use clamps?

Yes, clamps are recommended for use during setup to ensure the bond sets correctly. Apply and position glue within 5 minutes after mixing the resin and hardener. Once your project is set, clamp and leave undisturbed for 30 minutes.

What can I use as a mixing tray or a stir stick?

When using a 2-part epoxy, it is important that both parts, the resin and hardener, be mixed thoroughly. If the original mixing tray is no longer available, we recommend using a container that is of equal size. The underside of an aluminum beverage can will work, rather than an object that has a flat surface.

Will Gorilla Epoxy bond plastic/vinyl/rubber?

Gorilla Epoxy works well on PVC sheets, but is not recommended for use on PVC pipe or certain low surface energy plastics, such as polyethylene (PE) and polypropylene (PP), or certain types of rubber with high oil or plasticizer content.

Is Gorilla Epoxy food safe?

Gorilla Epoxy is not recommended for direct or indirect food contact and should not be considered food safe.

How do I remove Gorilla Epoxy from my surface?

To clean surface while epoxy is still wet/uncured wipe up as much material as possible and clean any remaining product/residue with Isopropyl alcohol (IPA) or acetone used to manufacturer's instructions or soap and water. For cured/dried Epoxy, mechanical means such as sanding or scraping are necessary.

What should I do if I think a human or animal ingested Gorilla Epoxy?

For medical emergencies, call 1-800-420-7186 anytime to reach a member of our product safety team. Additional product safety and first aid information can be found at:
<http://www.gorillatough.com/first-aid>

How do I remove Gorilla Epoxy from body/skin?

If you get Epoxy on your skin, acetone and Isopropyl alcohol (IPA) used according to manufacturer's instructions work well for removing uncured glue. Soap and water also work, but repeat washing may be required to remove completely.