

FiberPatch UV – Application Instructions

For FiberPatch White & FiberPatch Clear

A permanent UV-cure repair solution for fiberglass, steel, aluminum, wood, and composite surfaces.

FiberPatch UV Overview

FiberPatch UV is designed for permanent repairs on fiberglass, steel, aluminum, wood, concrete, and other properly prepared substrates. Both White and Clear patches follow the same application steps. Product-specific differences are highlighted throughout this guide.

Materials Required

- Clean cloth
- Solvent (acetone, xylene, toluene, MEK)
- Sandpaper (36-80 grit) or grinder
- Scissors or utility knife
- Roller or gloved fingers
- UV light source or direct sunlight
- Safety glasses
- Packing tape





FiberPatch UV

Application Instructions

Step 1 — Clean and Abrade the Repair Area

Remove all contaminants using a clean cloth. If needed, wipe with solvent and allow to dry completely. Sand or grind the repair area, extending at least 1½" beyond the damage. Remove gloss or texture until the surface is uniformly abraded.

Step 3 — Optional Backside Support

Apply masking or packing tape behind the repair if accessible to provide support and stabilize loose edges.

Step 4 — Open the Patch Package

Open the pouch only after the surface is fully prepared. FiberPatch begins curing immediately when exposed to UV light.

Step 5 — Cut the Patch to Size

Cut with scissors or a utility knife. Return unused material to the pouch and reseal it inside a can or zip-top bag.

Step 6 — Remove Nylon Film & Apply

Choose smooth or textured finish, then peel the nylon film from the side that will contact the surface. Remove the film carefully and slowly to ensure that the mat does not separate. Place the exposed resin side onto the clean, dry, abraded surface.

Step 7 — Work Out the Resin

Use a roller or gloved fingers to press from the center outward until a small bead of resin appears around the edges. *Optional: Cover the perimeter of the patch with clear packing tape and smooth the resin. Note: Any resin exposed to air when curing will be tacky, this can be wiped with acetone/MEK.*

Step 8 — Cure the Patch

Expose to direct sunlight or a UV lamp until fully hardened.

Patch Type	Sunlight Cure	UV Lamp Cure
Clear	10–15 minutes	1-3 minutes
White	10–15 minutes	2–3 minutes

Step 9 — Final Steps

Remove nylon film and any tape, then wipe any tacky resin with acetone, and paint if desired using exterior-grade acrylic urethane or acrylic enamel.

Example Repairs



Technical Notes

- Full bonding strength achieved ~2 hours after cure
- Shelf life: 1 year unopened; 4–6 months after opening
- Store sealed and protected from UV exposure