




Email: service@spray-lining.com

Repair Directions for Truck Bedliners, Tank/Pond Liners, & Other Applied Protective Coatings Using Diamondback Linings Repair Kits

Instructions and Techniques to Repair Coatings

Mixed coating may be applied onto previous bedliner, pond liner, or other coating to repair tears, gouges, or faded bedliner. Simply mix as directed and apply over dewaxed auto paint, woods, metals, concrete, ceramic, and fiberglass. Squeegee, trowel, brush, roll, or spray with 3/8 in minimum diameter gravity feed or pickup tube, through 1.4 – 8 mm tip gun to repair any existing spray on bedliner or coating.

Advised items & tools:

- Helix mixer (NOT PADDLE TYPE)  advised for best results (manual mixing requires additional mix time)
- Lacquer thinner or MEK (no other thinners)
- Disposable containers (solvent resistant if using thinner)
- Small measuring cups

General advice: ** ALWAYS stir part A and part B products individually first, as they tend to separate. **

- Mixing parts A and B completely for maximum advised time is critical for proper results.

Spraying: Can be bumpy, orange-peel or smooth depending on gun distance, tip-size, PSI & CFM- Less pressure, closer, larger tip = bumpier. More pressure, more distance, & smaller tip = finer orange peel. More lacquer thinner will self-level.

Rolling or brushing: Can be similar to spraying using variety of roller or brush types, and controlling viscosity. Note, foam brushes will dissolve quickly with lacquer thinner, so several foam applicators are needed.

Troweling: The product(s) can be thickened as desired for filling irregularities first using the Poly Powder provided with your kit. The initial application of paste consistency bedliner can be immediately top coated in most cases.

General Mixing Instructions: ** ALWAYS mix small batches first until you are familiar with the products **

- 1- Premix (stir) part A and part B individually for 1 minute before measuring or combining.
- 2- Mix 1 part A to 1 part B for 2 minutes (120 seconds) to ensure proper combination.
- 3- Add up to 1 part by volume Poly Powder (2:1 total liquid to powder ratio).
- 4- If required for your method of application: Add & Mix up to 15% Lacquer Thinner – Needs to be thinner than honey but thicker than molasses for most spray methods. Can be thicker for roll or brush applications.
- 5- **Horizontal surfaces** may be applied as thick as necessary since they do not tend to run.
- 6- **Vertical surfaces** must be applied thinner (under 1/32 in), allowed to tac (thumbprint tacky), or cure completely before applying next thin layer. General time between vertical coats (at 75 – 85 degrees) is 2 – 4 hours.
- 7- Discard or thoroughly clean mixing cups between batches. Partially cured bedliner can otherwise dislodge from container and clog your spray equipment or cause coating irregularities in roll or brush on applications.

** Continued Next Page **



Email: service@spray-lining.com

General Notes and Recommendations: Review some of the observations below for best results.

- If the coating settles into gouges or other areas, additional coating can be added after approximately 2 hours. Also... thicker consistency will reduce settling.
- Texture and blending of repair areas can be accomplished using a small chip or acid brush. Lightly dab the surface after applying the coating with a brush dampened with the mixed coating without powder additive. Adjust the consistency by adding lacquer thinner or powder if needed.
- Our Diamondback Ultra repair kit will generally cure with significant gloss results. For a duller finish, dust some of the Poly Powder additive onto the surface immediately after any final texturing while coating is still tacky. Blow or brush off excess powder after the coating is fully cured.

*** *ADDITIONAL NOTES:***

- 1- These directions assume a temperature of 75° F for both product and surface.
 - a) Higher temperatures cure faster and pot life is reduced
 - b) Lower temperatures cure slower and have longer workable pot life
- 2- All instructions are specifically for our Diamondback Ultra Coating Repair Kit.
 - a) If your kit part A product is the same consistency as the part B product, please refer to the SL&C Bedliner Repair Kit instructions included with your order, or get in touch so we can provide the instructions.