



## Application Guide



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## **TABLE OF CONTENTS**

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General Warnings Surface Preparation	<b>3</b>
Sanding/Additional Preparation	<b>4</b>
Mixing/Mixing Ratios	<b>5</b>
Application	<b>6-7</b>
Gun Cleaning	<b>8</b>

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## General Warnings

-  This product contains materials that are harmful if inhaled. All persons in the spray area must wear an approved painter's respirator. Do not spray without proper safety equipment.
-  Applicators must mix and spray in a well ventilated area.
-  Al's Liner has a 10-20 minute pot life once mixed. Make sure that to read all instructions and are ready to spray before mixing.
-  For a copy of the Material Safety Data Sheets, please contact your local supplier or call 800-999-6841.

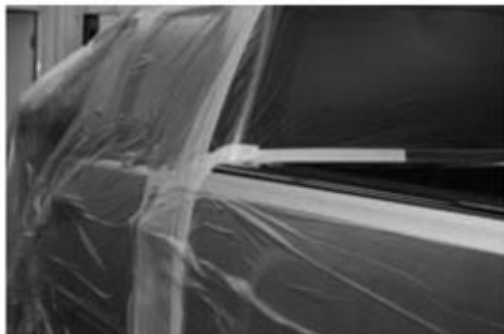
## Warranty Information

Al's Liner has a limited-lifetime warranty. Al's Liner guarantees this product to not deteriorate or degrade. The warranty does not cover physical damage and the application is up to the applicator. Be sure to read the mix and spray instructions carefully.

## Surface Preparation

Surface preparation is the key step to achieving a long lasting and durable coating. The following section explains techniques and tips for applying Al's Liner to many surfaces. You can also view more information at [www.alsliner.com](http://www.alsliner.com).

1. Tape off area to be sprayed. It is recommended to use 3/4 inch painter's tape to establish a tape line (wire tape is not required). Use tape and paper or plastic masking materials to protect areas where there will be potential for overspray. Also be sure to protect all adjacent objects in spray area from possible overspray.



## Sanding/Additional Preparation

- **Painted Surfaces:** Scuff and scratch the entire area to be sprayed using a minimum of 36 grit sandpaper making sure to get all corners, grooved, and notched areas thoroughly. Clean with a fast drying pre-paint cleaner. Apply a light coat of Al's Liner Primer and let dry for 10 minutes before applying Al's Liner.
- **Bare Metal:** Scratch the area to be sprayed using a minimum of 36 grit sandpaper. Clean thoroughly with a fast drying pre-paint cleaner. Apply a light mist coat of metal specific etching primer. Allow etching primer to dry to manufacturer's specifications. Apply a light coat of Al's Primer and let dry 10 minutes before applying Al's Liner.
- **Wood:** Thoroughly clean area to be sprayed insuring all residues, dust, etc. are removed . Al's Liner Primer is not necessary for wood.
- **Fiberglass:** (See Painted Surfaces)
- Visit the Resources page at [www.alsliner.com](http://www.alsliner.com) for more information and application techniques.



## Mixing Instructions

1. Empty contents of Al's Liner Components B, C and Tint into container marked Component A.
2. Use the included low viscosity mixing paddle to thoroughly mix the contents until all of the white is gone and color is uniform.



### NOTES:

- The Al's Liner Component B must be shaken vigorously prior to mixing.
- For custom colors it is recommended using 8 ounces of high grade automotive base pigments per gallon of Al's Liner. Do not use paints containing binders or thinners. Some custom colors may not match when first mixed. Allow the coating to cure for 24-72 hours for accurate color display.

## Mixing Ratios

### Mixing Chart and Techniques

#### Al's Liner Mixing Chart:

Our standard mixing ratio is 2.5 parts A to 1 part B & C. See below for standard mixing ratios and tint ratios.

Batch Amounts	A Component	B Component	C Component	Tint or Special Pigment
1 Quart	17.5 oz	7 oz	7 oz	1 oz Standard Tint or 2 oz Custom Color
1/2 Gallon	35 oz	14 oz	14 oz	2 oz Standard Tint or 4 oz Custom Color
1 Gallon	70 oz	28 oz	28 oz	4 oz Standard Tint or 8 oz Custom Color

## 4 Application

Al's Liner can be applied in many ways which allows an applicator to achieve various thicknesses, textures and appearances. Al's Liner can be applied by using the Al's Liner Spray Gun, standard undercoating guns, brushes, rollers, and trowels. You may also mix additives such as sand, quartz, rubber crumb, and metallic flakes with your Al's Liner Kit.

**NOTE:** Any persons inside the spray area must wear an approved painter's respirator. Always spray Al's Liner in a well ventilated area.

1. It is recommended to first coat the interior of both the spray gun and hopper with a non-silicone mold release or Vaseline to ease cleanup.
2. Connect your Al's Liner Spray gun to an air compressor and set the pressure to a minimum of 25 PSI. It is recommended that the applicator uses a compressor that can maintain at least 25 PSI @ 7 CFM. Insure that your compressor is capable of maintaining enough pressure.
3. Empty mixed Al's Liner materials into the hopper gun.
4. For first time applicators it is recommended to pour a small amount of Al's Liner into the hopper and spray on a test area prior to spraying on the target areas. Air pressure and trigger control will drastically affect the texture and spray pattern of Al's Liner.





7. Pull back on the trigger slowly staying about 18 inches from the target. Continue to pull back until the desired pattern is reached.
8. Spray at a right angle to the target moving the gun and not your wrist.
9. Spray material until the desired thickness is reached. Make sure that all areas are evenly coated. See [www.alsliner.com](http://www.alsliner.com) for specific techniques on how to obtain different textures and thicknesses.
10. To facilitate cleaning, drain all material not used from the hopper by turning it upside down and locking back the trigger.
11. Immediately following spraying, peel the plastic/paper protection off the 3/4 inch tape liner. Then remove the tape line by pulling at a 45 degree angle into the bed liner. This will allow the tape line overspray to roll into the bed liner leaving a clean, crisp tape line.



## 5 Gun Cleaning

1. Drain excess materials from the hopper. Let the materials harden inside the hopper and the gun overnight.
2. Remove the hopper from the gun.
3. Remove the front cone and washer from the gun. Remove the air shaft from the rear of the gun.
4. Peel away all hardened materials from both the hopper and the gun.
5. Reassemble the gun.

