

17 Shepard Street, Lawrence, MA 01843
Tel: 978-683-9411 Fax: 978-686-7729

SMOOTHMOVE INSTRUCTIONS FURNITURE VAN EPOXY FLOOR FINISH KIT VOC-FREE - NO SOLVENT GENERAL INFORMATION KEY 87269AB

YOU ARE NOW GETTING READY TO USE SOLVENT FREE AND 100% SOLIDS HIGH GLOSS SMOOTHMOVE FOR FURNITURE VANS. DO NOT ADD ANY SOLVENT!!

1. BEFORE STARTING

SAFETY INSTRUCTIONS are on the first page. Read them before starting. See attached Material Safety Data Sheets after reading these instructions.

SMOOTHMOVE FLOOR RESTORE is a safe product that will not harm you or the environment when used correctly.

Before using store at 60° to 70°F for 24 hours. Do not use if ambient temperature is less than 60°F, unless trailer is heated first with torpedo heater. Remove heater before starting to work.

Apply **SMOOTHMOVE FLOOR RESTORE** at 65°F to 80°F. If applied at higher temperature, this product will cure before you complete the installation.

SMOOTHMOVE FLOOR RESTORE will dry in 24 hours if trailer is kept between 65°F and 80°F, after coating the floor.

IF YOU HAVE ANY QUESTIONS, CALL KEY POLYMER BEFORE STARTING THE JOB!

2. TOOLS AND EQUIPMENT that you may need:

- A 14-inch window washer's squeegee with long handle
- Broom
- Rags
- Warm, soapy water to clean tools
- Rubber gloves and eye protection
- Floor sander (only for very bad old floors)
- Paint roller with low nap.

3. Turn to the **INSTRUCTIONS** for the type of job that you are doing.

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FURNITURE VANS - NEW

The Floor must be clean, dry and free of any loose particles and **NOT** have been coated with any other product.

Mix **SMOOTHMOVE** only when ready to use it. Note: Do not mix more than one A & B portion at a time. The approximate pot life of this product is 40 minutes at 65-70°F. If the temperature is higher, you will have less working time!

- 1) Mix 1/2 of a **SMOOTHMOVE** kit. Pour one part B container into one part A container. ***MIX FOR 5 MINUTES WITH STIR STICK PROVIDED. WHEN MIXING, BE SURE TO SCRAPE SIDE WALLS AND BOTTOM OF THE CONTAINER TO ASSURE THAT PRODUCT IS BLENDED THOROUGHLY.***
- 2) Pour 1/4 of the material across the nose of the trailer floor. Using a window squeegee approximately 14" wide draw the product back using firm pressure approximately 6 feet.
- 3) Using a high quality, low nap paint roller go over the section just completed. Use the roller to pick up excess product and create a smooth, even finish.
- 4) Pour an additional 1/4 of the material across the floor where you left off. Use a squeegee to draw the product back using firm pressure approximately 6 feet.
- 5) Use a paint roller go over the section just completed. Use the roller to pick up excess product and create a smooth, even finish.
- 6) Repeat Step No. 4, followed by Step No. 5 until all of this mixture has been used.
- 7) Mix the remainder of the **SMOOTHMOVE** kit and repeat Step No. 4, followed by Step No. 5 and continue to repeat these steps until you have completed the floor.

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FURNITURE VANS - USED

Four of the most common problems that occur to older van floors are:

- | | |
|----------------|----------------------------------|
| 1) Worn finish | 3) Splits in the wood |
| 2) Gouges | 4) Delamination of the glue line |

For a thorough restoration of this type of floor:

Mix **SMOOTHMOVE** only when ready to use it. **NOTE:** Do not mix more than one A and B portion at a time. Product pot life is approximately 40 minutes at 65-70°F. If the temperature is higher, you will have less working time!

- 1) Sanding is strongly recommended. Sanding will provide a clean, attractive surface and good penetration. If sanding is not practical, the floor should be blown clean with an air hose and all excess wax removed.
- 2) Inspect the floor and fill all cracks and through holes with Key Polymer **CRACK FILLER**. Be sure to fill any delaminations or cracks that appear around the doors. When completed, the remaining **CRACK FILLER** may be used to fill in gouges.
- 3) Mix one half of a **SMOOTHMOVE** kit. Pour one part B container into one part A container. **MIX FOR 5 MINUTES WITH STIR STICK PROVIDED. WHEN MIXING, BE SURE TO SCRAPE SIDE WALLS AND BOTTOM OF THE CONTAINER TO ASSURE THAT PRODUCT IS BLENDED THOROUGHLY.**
- 4) Pour mixed **SMOOTHMOVE** into any remaining deep or large gouges.
- 5) Pour 1/4 of the material across the nose of the trailer floor. Using a window squeegee approximately 14 inches wide draw the product back applying firm pressure approximately 6 feet.
- 6) Using a high quality, low nap paint roller go over the section just completed. Use the roller to pick up excess product and create a smooth, even finish.
- 7) Pour an additional 1/4 of the material across the floor where you left off. Use a squeegee to draw the product back using firm pressure approximately 6 feet.
- 8) Use a paint roller go over the section just completed. Use the roller to pick up excess product and create a smooth, even finish.
- 9) Repeat Step No. 7 followed by Step No. 8 until all of this mixture has been used.
- 10) Mix the remainder of the **SMOOTHMOVE** kit and repeat Step No. 7 followed by Step No. 8 to complete the floor.

NOTE: MORE THAN ONE SMOOTHMOVE KIT MAY BE REQUIRED FOR THIS APPLICATION.

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FLOOR RESTORE PRODUCTS

• SOLVENT FREE (VOC-FREE) CLEAR FOR 48 FOOT TRAILERS	PART #EC1055AB
• SOLVENT FREE (VOC-FREE) CLEAR FOR 53 FOOT TRAILERS	PART #EC53AB
• SMOOTHMOVE HIGH GLOSS CLEAR FOR FURNITURE VANS SOLVENT FREE (VOC-FREE) FOR 48 FOOT TRAILERS	PART #87269AB
• SMOOTHMOVE HIGH GLOSS CLEAR FOR FURNITURE VANS SOLVENT FREE (VOC-FREE) FOR 53 FOOT TRAILERS	PART #87269AB-53
• KEY GUARD	PART #87117AB
• CRACK FILLER	PART #FP100AB

TROUBLE SHOOTING GUIDE WOODEN TRAILER FLOORS

PROBLEM	SOLUTION
Daylight Cracks	Key Polymer CRACK FILLER seals cracks. It provides a durable repair that will not crack or pop out.
Delamination of Glue Lines	Key Polymer FLOOR RESTORE or SMOOTHMOVE will fill and seal delaminations. Simply follow application instructions for coating a used trailer floor.
Large Gouges and Cupping of Floor Boards Caused by Carts with Wheels	You may use Key Polymer FLOOR RESTORE , SMOOTHMOVE or CRACK FILLER . Simply clean out the area, remove as much dirt and grease as possible. Pour FLOOR RESTORE or SMOOTHMOVE (full strength) into the gouge. Once it is level with the existing floor, return any extra product to the working pot. If using CRACK FILLER , push the CRACK FILLER into the gouge until it is level.
Water Damage	The harsh effects of water causes many problems for wooden flooring. Seal the surface of the wood with FLOOR RESTORE or SMOOTHMOVE . This will inhibit absorption of water and will prevent water from attacking the laminating glue.

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**TROUBLE SHOOTING GUIDE
WOODEN TRAILER FLOORS**

PROBLEM	SOLUTION
Slippery Floors	Non-slip properties can be added while installing FLOOR RESTORE or SMOOTHMOVE to all of the floor, or the rear end only. A new traction additive, KEY SLIP STOP which is mixed into FLOOR RESTORE or SMOOTHMOVE in the field, is available from FLOOR RESTORE dealers.
Cargo Spills	Spills can cause a multitude of problems even if a liquid is not hazardous. We recommend that you follow these six easy steps:- <ul style="list-style-type: none">■ Clean the trailer with steam or high pressure hot water and let dry.■ Inspect the floor for daylight leaks.■ Patch floor daylight openings and gouges with Key Polymer CRACK FILLER Part# FP100.■ Repair all damaged FRP or aluminum along side rails and nose.■ A coat of FLOOR RESTORE or SMOOTHMOVE should be applied to the floor. Flood the floor to the sidewall joints to assure a tight seal.■ Fabricate a 12" gate across the rear of the trailer. The gate must be lifted and replaced each time the vehicle is loaded or unloaded. If you would like more information about this program, contact your local dealer.
Acid Damage	Unfortunately, if the floor has already been exposed to acid damage, the exposed section of flooring will have to be repaired. You may then use Key Polymer KEY GUARD to coat the trailer floor. This product has been designed for use on new wood trailer floors before hauling batteries and chemicals to maximize floor life.