

# APPLICATION INSTRUCTIONS

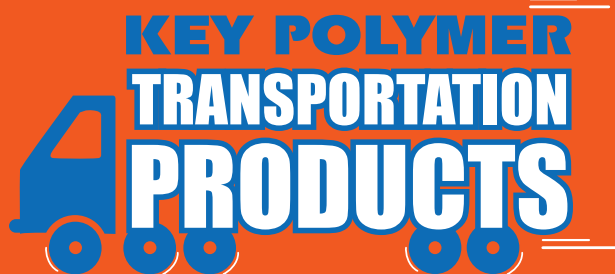
KEY POLYMER  
**SmoothMove**  
FURNITURE VAN EPOXY FLOOR FINISH KIT



Protects, Restores and Refinishes  
Furniture Trailer and Van Floors

The High Gloss Version of Proven FloorRestore®

READ THIS  
FIRST  
BEFORE  
YOU START!



KeyTransportationProducts.com

# APPLICATION INSTRUCTIONS

## KEY POLYMER **SmoothMove** FURNITURE VAN EPOXY FLOOR FINISH KIT



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**“** *I'm sold on it. I've been in the business all my life and this is one of the best products I have ever seen on the market. The process of protecting that floor is just as critical as replacing the brakes, if you want longevity out of your trailer. Because once your floor goes, it's a big cost factor to keep the trailer in service. We have no repairs that develop when we started using Key Polymer Products on new floors. Our floor life, we could see, is extended tremendously.*

– Ed Gaynor - Rapture Trailer, Philadelphia

## PLANNING

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 **READ this section before scheduling the install.**  
**Please be sure that this kit is the right one for the job.**

**SmoothMove is available in kits sized to protect, restore and to refinish a typical 28, 48 or 53-foot moving van.**

### New Floors

It may only take half the usual amount of KEY SmoothMove to protect a new floor. Additional material may be needed to complete your floor because of the desired appearance and variances within the wood.

### Old, Dry and Severely Gouged Floors

Occasionally the full kit will not be enough if the floor has dried out with many gouges, delaminations, and gaps between boards. Also for gaps showing daylight use KEY FP100 CrackFiller before the SmoothMove application. This is explained in the application instructions.

### Special for Furniture Vans

The SmoothMove product that you are about to use is formulated for application on furniture and moving vans. Use Original Floor Restore for other applications.

**KEY SmoothMove is not recommended for trailer floors that have been treated with wax or oil penetrant or for flatbeds.**

## PLANNING – CONTINUED



**Before using, store the kit at 65°F to 75°F for 24 hours. Do not use if temperature of work area is less than 65°F, unless trailer is heated first with a torpedo heater. Remove heater before starting to work.**

### Application Conditions

Apply at 65°F to 85°F. If applied at higher temperature, the product will start to cure and be impossible to apply before you can complete the installation.

### Dilution

**NEVER ADD ANY SOLVENT.**  
SMOOTHMOVE NEEDS ONLY MIXING TO BE READY TO USE!

### Drying/curing time

SmoothMove will dry in 24 hours if trailer is kept at 65°F after installation.

### Second coat if desired

Only one coat is usually needed.

A second coat will increase the slip factor and create a higher gloss.

If a second coat is preferred, it should be applied after the initial application has cured, and before the unit goes into service.

## Tools:

**Kit contains a squeegee, a roller, gloves, stir sticks and instructions. In addition to the kit you will need:**

- SHOP VAC to clean out the delaminations
- “Broom Stick” for the squeegee and roller
- Paint roller handle
- Masking tape to assure a clean line at the steel nose and tailboard
- Eye protection in case of a splash
- Rags and access to warm soapy water to clean tools
- A drum or belt floor sander is needed only when the floor is in very bad condition with many splits sticking up, or if the owner desires a floor that will have the best possible even color for eye appeal. Home Depot rents sanders at low cost.



# INSTALLATION TIPS VIDEO. WATCH IT NOW!

<http://www.keypolymer.com/transportation-products/smooth-move/>

- It takes just a few minutes to assure that you will do a great job quickly. Please read the following instructions carefully and if possible watch the installation video.



## SAFE HANDLING

**SmoothMove is a safe product that will not harm you or the environment when used correctly.**

- Avoid contact with skin; wear gloves, wash thoroughly after use.
- Wear protective goggles.
- Keep open flames and welding operations away from work area.
- Provide adequate ventilation.
- Do not smoke or eat while working with this product.

**For additional safety information refer to Safety Data Sheets on our website.**



**FOR ANY QUESTIONS, JUST CONTACT KEY POLYMER  
BEFORE STARTING THE JOB.**

**1-978-258-7110 KeyTransportationProducts.com**

# OLD FLOOR INSTRUCTIONS

## PREPARING THE FLOOR

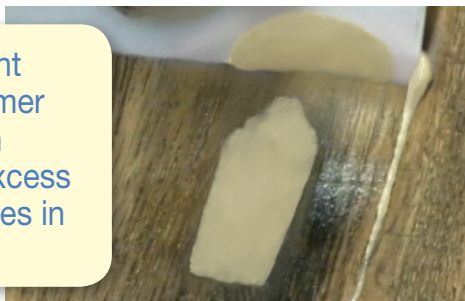
- Carefully inspect the trailer floor. Structurally unsound floors must be repaired before applying SmoothMove. Replace any missing or rough boards and screw down loose ones.
- Clean the trailer floor by vacuuming to remove loose dirt from cracks and delaminations.
- If the trailer floor has oil build up it will be necessary to steam clean the floor, allowing it to dry thoroughly. Steam cleaning may leave a fuzzy surface that will be removed when sanding.
- Optionally, sanding will provide a more uniform color surface and assure good penetration. After sanding the floor should be vacuumed to remove loose dirt from cracks and delaminations.

**HINT:** For best results, use a commercial grade drum or belt floor sander to remove old finish and smooth the application surface. Thoroughly vacuum again after sanding.



**HINT:** If the trailer floor has metal sections, mask these off with kraft paper and masking tape.

**HINT:** Fill all daylight gaps with KEY Polymer CrackFiller. When completed, use any excess CrackFiller to fill gouges in the wood.



## REPAIR

- Close the trailer door and walk the length of the trailer marking cracks or holes that show daylight.
- CrackFiller will effectively seal cracks and splits up to approximately one-quarter inch wide without running out. There is a separate installation tip video with instructions for the CrackFiller.
- CrackFiller is not necessary if there are no daylight holes and gouging is minor. There is no need to wait before starting your KEY SmoothMove application.

## MIX

- Mix SmoothMove only when ready to use. **Mix only one A & B set at a time.** You will have approximately 40 minutes to use the mixed material, at 65-85°F. If the temperature is higher, you will have less working time.
- Pour one part B container into one part A container and MIX FOR 5 MINUTES WITH STIR STICK PROVIDED. WHEN MIXING BE SURE TO SCRAPE CONTAINER SIDEWALLS AND AS YOU STIR. MAKE SURE THE MIXTURE IS A UNIFORMLY BLENDED COLOR WITHOUT STREAKS.



## POUR

- Pour 1/4 of the mixed SmoothMove material across the nose of the trailer floor.
- Pour mixed SmoothMove into any remaining deep or large gouges that do not show daylight.

**HINT:** In hot weather pour the whole mixed bucket down the center of about 20 feet of the floor in a stripe. This extends working time.



**HINT:** Trailer must be kept at least 65°F for 24 hrs after application to ensure a complete cure. In winter, if the trailer cannot be kept in a heated shop use a cargo heater or torpedo heater before and after the application.

- ## APPLY
- Use the 18" squeegee in the kit to draw the SmoothMove back.
  - Draw the SmoothMove back four to five feet from the trailer nose with an even, firm motion. Work the material into the screw holes, delaminations and wood. Always go with the grain.
  - Before the last pass, remove any excess material from the squeegee by rubbing it clean onto an untreated section of the floor. Make one final pass over your treated area with the squeegee, applying firm pressure. The SmoothMove will soak into the wood and between the boards, reinforcing the original laminations.
  - Use the roller provided to smooth out any squeegee drag lines or any areas where excess material has pooled.
  - Pour the rest of the SmoothMove you've mixed across the floor where you left off and continue the application.
  - When all the mixed SmoothMove has been used, prepare the second half of the kit and continue the application.

If there is any residual tackiness, the SmoothMove may not be fully cured. Just run the torpedo heater for a few hours to finish the cure.

## NOW YOUR FLOOR IS COMPLETE!



“ I would recommend the SmoothMove product because it not only looks great on our floors but it’s incredibly durable. We tried a few other products but none gave us the kind of durability to go years without a recoat as Smoothmove does.”

- Kevin Nussbaum, Fleet Operations Manager,  
Smith Brothers of Berne, ID

## NEW FLOOR INSTRUCTIONS

### PREPARE THE FLOOR

- Clean the trailer floor by vacuuming to remove loose dirt from cracks and delaminations.
- If the trailer floor has metal sections, mask these off with kraft paper and masking tape.

**HINT: KEY** SmoothMove is not recommended for trailer floors that have been treated with wax or oil penetrant or for flatbeds.



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## NOW YOUR FLOOR IS COMPLETE!

**“** We have been using SmoothMove on our moving van floors for the past ten years and are tremendously satisfied with both the durability of the product as well as its appearance.”

Steven Smith, Two Sisters Moving Company, Austin, TX

## SPECIAL SITUATIONS

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### Delamination of Glue Lines

- KEY SmoothMove will fill and seal gouges and surface delaminations. However it will run through “daylight” openings. Key Polymer FP100 CRACKFILLER fills “daylight” delaminations to make a durable repair that will not crack or pop out. It can be used alone or as part of a full floor restoration. Key SmoothMove may be applied immediately without waiting for the CrackFiller to cure.

### Large Gouges And Cupped Floor Boards

- You may use KEY SmoothMove or KEY FP100 CRACKFILLER. Simply clean out the area, remove as much dirt and grease as possible.
- Pour SmoothMove into the gouge. Spread out with squeegee and continue the application.
- If the gouge is deep KEY FP100 CRACKFILLER can be used before the KEY SmoothMove application.

### Water Damage

- The harsh effects of water causes many problems for wood floors. Seal the surface of the wood with KEY SmoothMove. This builds a new epoxy/wood composite floor surface that washes out easily and inhibits the absorption of water.

### Too Much Slip?

- Non-slip properties, can be added while installing SmoothMove to the rear or side door areas. KEY SLIP STOP, available from SmoothMove dealers, is mixed into SmoothMove while you are doing the application. This may be useful especially in areas directly in front of doors.

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Watch the online Video Instructions at [KeyTransportationProducts.com](http://KeyTransportationProducts.com)

Visit us at [KeyTransportationProducts.com](http://KeyTransportationProducts.com) to see our other great Key Polymer transportation products.



“ Because our furniture is a medium to high end product our customers are used to seeing things that are a little bit better than average. That’s where SmoothMove on the floor of the trailers, just provides that last detail to show them that we’re concerned with the whole process, from manufacturing to shipping.

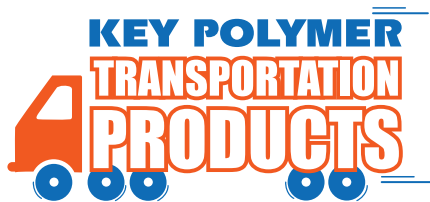
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