How To Install JRD's Rainier Flooring System

Background

The Rainier Flooring System was developed with the adventurer in mind. We use a fiberglass-reinforced closed cell foam originally intended for the marine market to create a durable, yet lightweight subfloor built to withstand the harshest conditions. The floor is easily installed via a locking system, which allows professional builders and DYIers alike to install with confidence, quickly. Each piece locks into the last to ensure that your tolerances are within the specifications. For Sprinters and Promasters we leave the rear factory threaded inserts available for safe cabinet fastening.

The foam substrate we use has the following beneficial properties:

- Up to 60% the weight of plywood
- High density to accept traditional fasteners
- Dimensionally stable
- 0 rot
- 3 x more insulating than plywood, no need for additional insulation
- Sound deadening properties, no need for additional butyl mat

How to Install

Your kit includes the following materials:

- Fiberglass-reinforced closed cell foam (3-4 pieces depending on the length of your vehicle)
- Adhesive
- *Transits Only: Additional support pucks for low points on factory floor*

Step by step installation:

Safety: To avoid contact with fiberglass, wear long sleeves and gloves while handling the foam board. If you are cutting, sanding or removing any material wear a respirator.

1. Wipe down and clean the bare floor of your vehicle with denatured alcohol .
2. Starting from the rear of your vehicle and working your way to the front, lay down the adhesive at the high points of the floor ***one panel width at a time.*** Squeeze extra adhesive where the seams lay, including in the low points dispensing enough to fill the gaps so that when the adhesive dries, the panel will rest on a flat line of adhesive. You do not need to run adhesive along the face where the two panels seam.
    a. *Transits Only: Space the pucks evenly in the indents of the floor and near the step by the slider door. This provides additional support on the low points of the floor. You can secure these with the adhesive.*
3. Once all panels have been glued down, make sure that slotted bolt points line up with the corresponding holes. You can adjust by leveraging a screwdriver, but be careful not to damage the threads on the inside.
4. Apply even weight or clamping pressure overnight. Isolate the seams and any high points.
5. The next morning, make sure you don't have any high points at the seams. If there are, you can feather them out with a sander and 80 grit sandpaper. Be careful not to remove too much. ***Wear a respirator during this process as you are sanding fiberglass.***
6. Once you have even seams, you may install your finish floor on top of the subfloor, using that product's instructions.

Please contact info@justroamingdesign.com if you have questions.

Thank you for your business!