



Repair Standards

02-001 – Reefer Floor Repair

Disclaimer:

Only a certified and experienced person using suitable tools should complete the repairs described below. Repairs should meet or exceed manufacturer's minimum specifications and should be in agreement with all safety and ecological regulations.

Permissible upon return and does not require repair:

- Acceptable repairs.

Requires repair upon return:

- Holes or breaks in the floor board.
- Rotten aluminum due to corrosion.

Safety Measures:

- Take appropriate safety precautions when working with fiberglass, polyester, epoxy or acetone.
 - Eyes should be covered with goggles.
 - Face should be protected by an OSHA approved respirator mask.
 - Hands should be protected by gloves.
- Take appropriate safety precautions when working with resins, solvents and insulation.
 - Read caution labels on each product used, in every use.
 - To reduce heat from welding, place a one-inch wide .063 aluminum bar beneath the seam before welding begins.
 - Be sure to have an abundance of water nearby to cool the welded area.
- Be sure that there is enough ventilation while working inside the trailer, without proper ventilation fumes could build up and cause harm.

Note:

- A floor patch must be no less than the distance between three crossmembers.

Procedure:

1. Begin cutting out the damaged area starting in the middle of the first and last crossmembers.
2. Install the piece of new floor where the damaged floor was removed from and weld into place with an aluminum weld.



- 1) To reduce heat and brace the repair, place a one-inch wide .063 aluminum bar beneath the seam before welding begins.
- 2) An aluminum "I" beam can be used on the inside channel of "t" duct flooring to strengthen the seam.
3. In the case that multiple floorboards are being replaced, be sure to offset the joints in order to toughen the repairs.