

General rules to be followed at any stage of the production or use

Always have rods carried by no less than 3 persons.

Never place the rods directly on the ground; they should always be placed onto equally spaced skids or tables.

Never scrape the ends of the rods on the ground.

Never step on the rods.

Never bend the rods at a radius smaller than 81 in. In any case, keep the rods as linear as possible.

Never twist the rods.

Do not leave the free ends of the rods hang under their own weight over a significant length.

All other rules of *General Handling and Storage* (in *Application Guidelines for Using V-Rod Fiberglass Rebars*) must apply at any time.

Pultrall's production specific requirements as per control plan PRD02-PC19

Sand the whole length of the rods to control plan specifications (production stage 12).

As per customer's request, Pultrall may have to:

- Protect the ends of the rods with vinyl tubes on a 8" length before coating the rods (production stage 16).
- Remove the tubes and wrap each end for protection.
- Gather and tie rods together in bundles.

Customer's handling guidelines

Unload the flat bed trailer with the same care as with the individual rods as described in the General Rules above. If a crane and straps are used to unload the trailer, the straps should be placed so that each end of the bundle of rebars show the same deflection as the middle of the rebars. Do not pull CFRP rebars off a truck bed as if they were steel rebars.

Move the rods in intact bundles as much as possible if bundles were required (see paragraph above).

Remove any ties (wire or plastic ties, shrink-wrap, etc...) with care. Do not use a sharp blade oriented toward the surface of the rebars to avoid damaging it.

If packaging (in any form) is damaged, take clear pictures of the defect and report the situation to Pultrall Inc.

Always refer to construction codes and recommendations like ACI and ISIS for safe use of the rods.