



## UFS Corporation

330 North 400 East  
Valparaiso, IN 46383-9704 USA  
PH: 219-464-2027 FAX: 219-464-8646  
www.ufsc.com  
email: service@ufsc.com

# Service Reference

## Topic: Shortening Roof Cell Necks

Please read all the instructions listed below to familiarize yourself with the project before attempting to perform any of the work or unpacking any further.

### Required Materials

- Heavy bodied cement and primer

### Required Tools

- Vise grips
- Rotary pipe cutter

This reference will help with cutting roof Cells. At times it may become necessary to shorten the length of a roof Cell.

1. Use a rotary pipe cutter (**DO NOT USE BANDSAW**) and cut the pipe at the left of the elbow to 38 mm (1.5"). This piece is needed to stick out of the elbow so the coupling can be glued.
2. After the cut has been made, pull the Leg assembly off the Cell. If the PVC Supply Tubing has been glued to the inside of the Leg or other pipe, gently try to separate the PVC tubing. If you are unable then request Bulletin 990113, which tells how to make a repair coupling from a piece of PVC Return Tubing.
3. If the horizontal portion of the Cell needs to be reduced by X, then cut X + 3 mm (1/6") length off the remainder of the pipe that is attached to the Collar. Pull off the excess pipe and discard.
4. Use a generous portion of heavy primer and cement on both PVC pieces before they are pushed together. Make sure that the Coupling (829020) butts up to the PVC Elbow fitting that is on the bottom side of the Leg.
5. Before putting the Leg back on the Cell, the Tab needs to be bent near the overflow nozzle. Use two pairs of vise grips and to make a similar bend at a

distance X down from its original position. This will assure that the overflow will not be blocked.

6. Carefully feed the Supply tubing and the Tab back through the Leg. Bending the tab a little will not hurt it. Before gluing the Leg back on, the Electrode must be fully seated in the Cap at the far end of the Shell. The seam on the Cell must be pointed in the 12 o'clock position, away from the work being painted. As soon as the Electrode is seated and the seam is in the up position, proceed to glue using a generous amount of glue.

**For more information** see the original manual that came with the equipment or call UFS at the phone number shown above.