

# Instructions for Applying Dalric Special Cuffs

*State of the Art Solution for Applying Shoes to Poor Quality Feet*

## FOOT PREPARATION

- Trim and balance the foot. When more than one shoe is to be applied, prepare all feet and shoes before starting the application process.
- Round the ground surface edge of the foot to help seat the foot in the cuff.
- Roughen the wall with the smooth side of the rasp to provide an adequate glue contact surface.

## DALRIC CUFF PREPARATION

### **Riveting a Dalric Cuff to a Shoe**

- Fit the desired shoe full to the foot just as you would for any rim pad.
- Using a 5/32" drill bit, place 4 or 5 holes along each inner branch of the shoe from the toe to the heel.
- Fit the appropriate size cuff to the foot. The cuff must fit smoothly and snugly against the hoof wall. If the foot has a steeper angle than the cuff, slice the cuff over any areas that bulge. If you are working with a dished foot, slice and remove a "V" shaped section over the dished area. Both of these techniques will ensure that the cuff fits properly.
- To assure a proper fit, place a paper pattern of the trimmed foot inside the cuff. Shape the cuff to the pattern. Place the cuff and pattern over the shoe, and clamp a pair of wide-mouth vice grips across the heels of the shoe and cuff. This will provide proper alignment of the shoe and cuff when drilling the holes.
- Using the predrilled holes in the shoe as a guide, drill matching 5/32" holes through the cuff. A sharp bit makes this step much easier.
- Before removing the vice grips, place the aluminum rivets through the cuff and into the shoe.



### **Shoe Application**

- If your horse is fractious, have your veterinarian administer a sedative.
- Clean the hoof wall with acetone.
- Using a heat gun, heat the shoe and glue tube in a box until it is warm and pliable. This will ensure good hoof contact and provide a shorter cure time.
- **Be careful not to overheat the glue and do not heat the mixing tip.**
- Wearing gloves, open the tube nozzle with nippers and dispense a couple drops of each material. Place the mixing tip onto the tube and twist about a half a turn clockwise.
- Gently push the plunger and apply a wide band of glue onto the felt side of the cuff.
- Quickly apply the shoe snugly to the cleaned foot and hold in place for 2-3 minutes.
- Secure the shoe firmly with tape, going over the bulbs of the heel. Push the shoe firmly on the foot to eliminate any air space under the cuff. Carefully set the foot down and continue wrapping the tape around the cuff. Do not tape over the coronary band.
- The horse **must stand quietly** for 15-20 minutes, or until the glue is firm. **This is a vital step. Do not be in a hurry.**
- When applying more than one cuff, allow the glued cuff to cure for a minimum of 5 minutes before applying the next shoe. You want to avoid putting the shod foot into a twisting position.
- One hour of stall confinement is necessary for maximum cure strength. Remember to remove the tape in one (1) hour.

## DALRIC CUFF REMOVAL

- Use a rasp or nippers to separate the entire cuff from the wall before removing the shoe. Remove and trim every 4-6 weeks.

**Note:** *Moisture may collect under the cuff during hot, humid weather. This can cause a soft foot. To prevent over-softening of the horn, hot seat the foot before applying the shoe, bed the horse on shavings or sawdust, and use 7% iodine on the sole daily to absorb excess moisture. If a soft foot persists, use conventional shoes every other shoeing to maintain a dry horn structure.*

### **Nailing the Shoe To the Cuff**

- Follow the trimming instructions above.
- Fit and glue the cuff to the foot.
- After 30 minutes of cure time, remove the tape and fit the desired shoe to the cuff.
- Nail the shoe to the cuff. Do not block the clinches down and use only clinch tongs.

**Note:** Pull quarter clips for horses that jump. This will prevent nail shear.

### **Shoe and Cuff Removal**

- Pull nails and remove the shoe. Using a rasp or nippers, separate the cuff from the hoof wall.

## SORENESS AFTER APPLICATION

- Sealing bacteria in broken areas along the white line will cause acute lameness. If this occurs, pull the shoe immediately and notify your veterinarian. The abscess will need to be opened and appropriate therapy must be administered.