



## Instructions for Applying the Dalric Extension #3

*State of the Art Treatment for  
Angular Limb Deformities in Young Foals*



### FOOT PREPARATION

- Trim and balance the foot.
- Round the ground surface of the hoof to accommodate the seating of the foot in the cuff.
- Roughen the wall with the smooth side of the rasp. This provides an adequate glue contact surface.
- Clean dirt from all hoof cracks and cover potential abscesses with a small piece of tape or silicone. This prevents sealing bacteria beneath the glue.

### CUFF & EXTENSION PREPARATION

- Apply the aluminum extension lateral (outside) for all toe-in (varus) deformities or medial (inside) for toe-out (valgus) deformities.
- Clamp a pair of wide-mouth vice grips across the heels of the cuff and aluminum extension. This will provide proper alignment of the cuff and aluminum extension when drilling the holes.
- Use a 5/32" drill bit to drill holes through the aluminum extension into the cuff. Be careful not to get the bit too close to the felt lining of the cuff as it will grab.
- Place the aluminum rivets through the cuff and into the aluminum extension.

### SHOE APPLICATION

- If your foal 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. Do not tape over the coronary band.
- The foal **must stand quietly** for 15-20 minutes, or until the glue is firm. **This is a vital step. Do not be in a hurry.**
- One hour of stall confinement is recommended for necessary cure strength. Remember to remove the tape in one (1) hour.

### REMOVAL OF THE SHOE

- Use nippers or a rasp to separate the entire cuff from the horn wall and then pull the shoe.

### RECOMMENDED SHOEING SCHEDULE

- For best results, follow this shoeing schedule as the foal's feet continue to grow. Exceeding the recommended shoeing time can alter natural foot development.

Age	Maximum Time for Shoes To Be Worn	Days Following Shoe Removal To Re-evaluate
Birth - 2 Weeks	4 Days	7 Days
2-4 Weeks	7-10 Days	7-10 Days
4-8 Weeks	10-14 Days	7-10 Days
8-12 Weeks	14 Days	7-10 Days
3 Months	21 Days	7-10 Days
8 Months +	28 Days	14 Days

### PREVENTION OF SHOE LOSS

- Make sure the shoe fits snugly and the foot is clean prior to application. Keep the foal still during the curing time.
- Do not turn out into mud.
- Do not turn out into large, open fields. Limit exercise to 1-2 acres.
- Use caution when turning out with other horses, as they will step on the extension.

### SORENESS FOLLOWING APPLICATION

- Fitting the shoe too tightly will pinch the quarters resulting in slight soreness. If this occurs, pull the shoe and reapply after the foal becomes sound.
- Sealing bacteria in open areas along the white line can cause acute lameness. If this occurs, remove the shoe immediately and notify your veterinarian. The abscess will need to be opened at the white line and cared for appropriately.