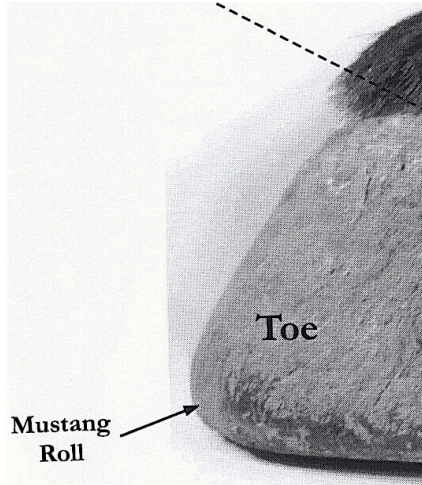


How to Use
Evolutionary Hoof Care's all new
 wall-rounding **Hoof Buffer™** adjustable tension contour sander
www.evolutionaryhoofcare.com

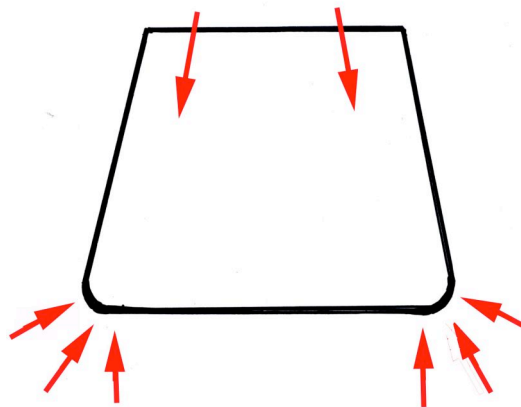
Your Goal: Creating and Maintaining the “Mustang Roll”

Horses evolved to live in dry, semi-arid environments. Under those conditions their hoof walls develop a smooth, rounded profile referred to as the “Mustang Roll.” The way this shape serves to contain bearing forces inside the hoof is essential to healthy hoof function.

Toe wall of wild horse hoof:

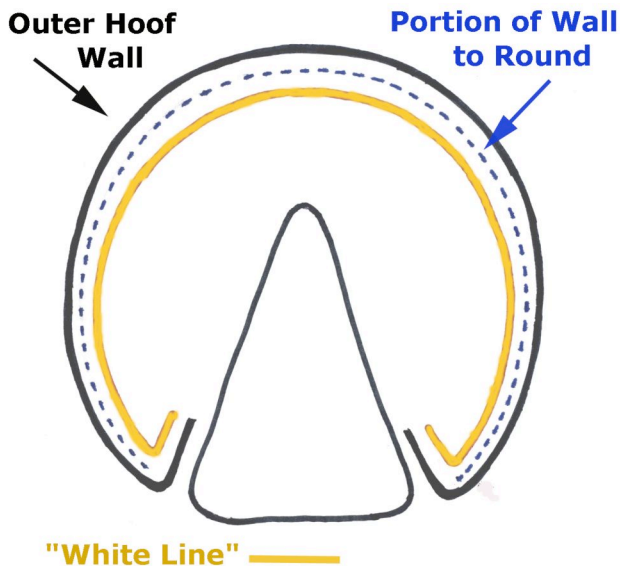


How Mustang Roll maintains hoof shape:

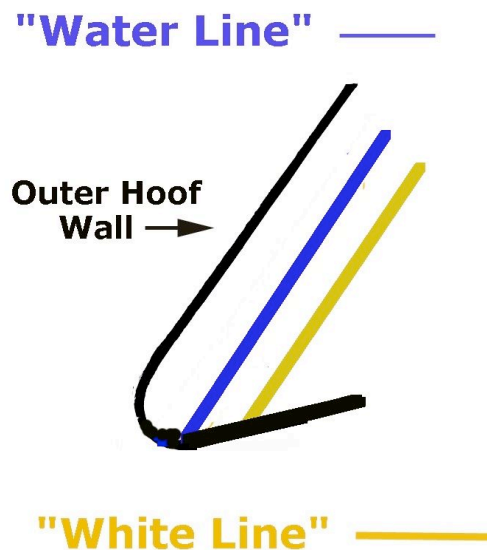


In the domestic horse, this profile is created by rounding the outer 30-50% of the width of the hoof wall in a way that relieves it from direct contact with the surface of the ground.

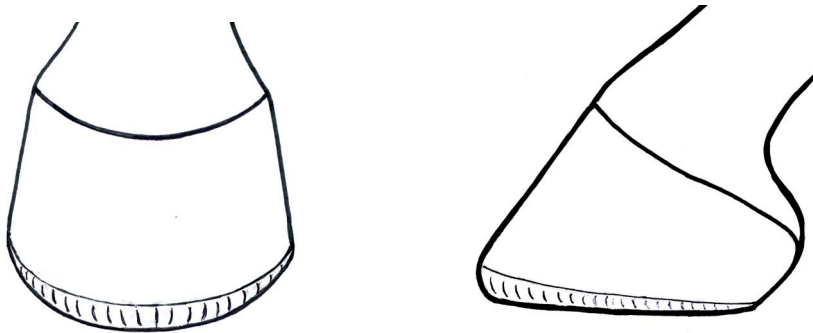
Sole view of outer wall to be rounded:



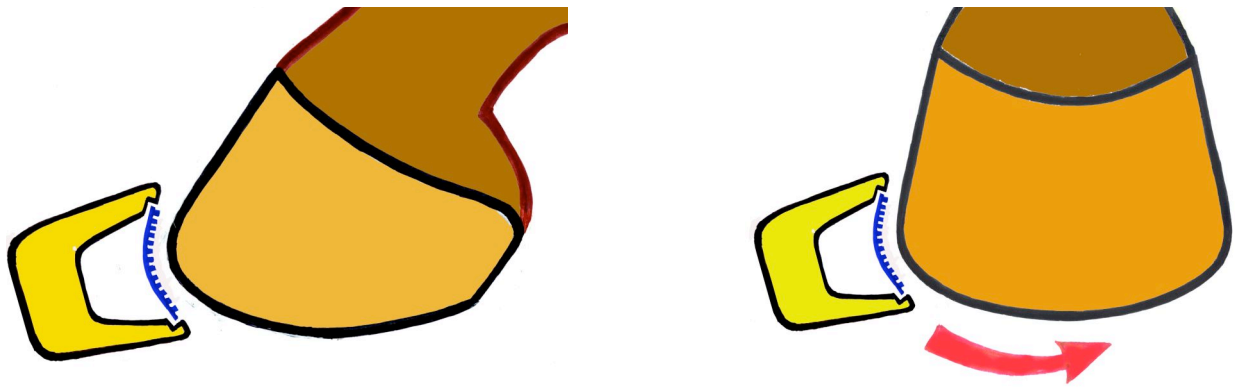
Cross-section of rounded wall profile



The “Mustang Roll” radius is widest at the toe, tapering in height toward each heel:



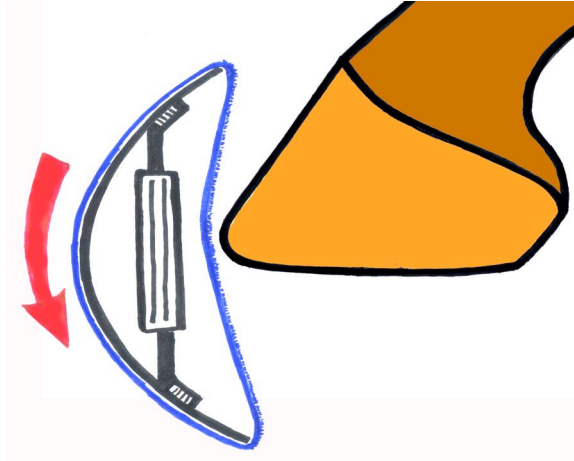
When trimming, use the **Radius Rasp** to round the edge of the hoof wall before applying the **Hoof Buffer** sander:



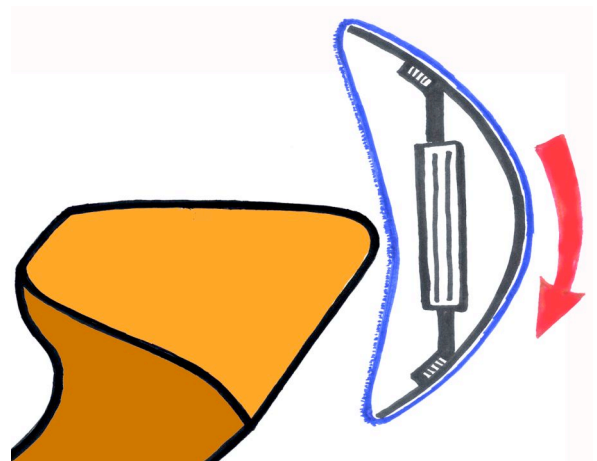
The **Radius Rasp** sculpts the perfect profile for the most durable ‘roll’ to the outer edge of the hoof wall. Following up with the **Hoof Buffer’s** flexible sanding belt allows you to quickly smooth and blend all aspects of that curvature—from sole to outer wall and heel to toe. This sanded finish increases the wall’s resistance to splitting, fraying, and cracking. The **Hoof Buffer** is also ideal for weekly touch-ups to keep the outer layers of hoof wall horn from developing a sharp edge the is more likely to flare, crack, or become frayed and separated.

Use the **Hoof Buffer** in all directions—from above and below—whether holding the hoof with the horse's leg bent, or while it is on a hoof stand. Make an arcing motion as you sand across the hoof wall to follow the rounded contour of the Mustang Roll.

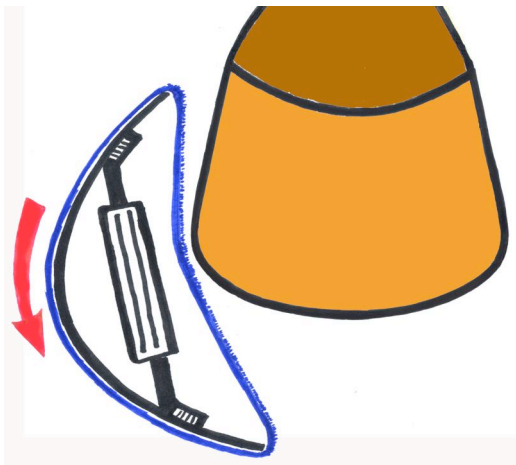
Sanding 'downward' across toe wall:



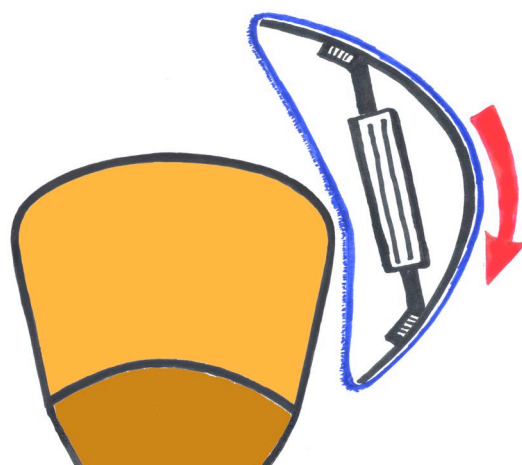
Sanding 'upward' across toe wall:



Sanding 'downward' across side wall:



Sanding 'upward' across side wall:



You can grip the **Hoof Buffer** on either end or in the middle, applying force by either pushing or pulling it across the wall surface. You can also use both hands to grasp it. Always wear gloves when using this tool.



Push or Pull the belt across and around the outer edges of the hoof wall:

Using one hand:

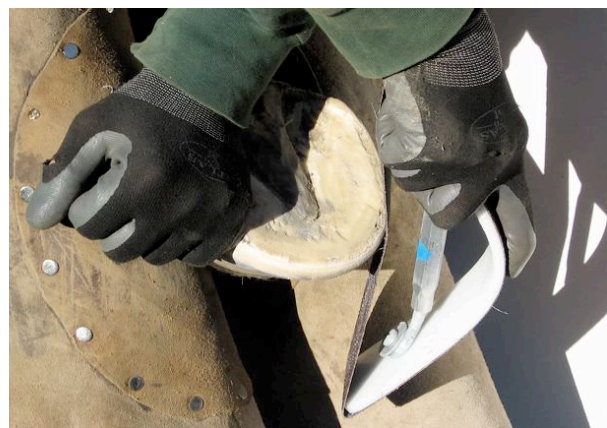
or two hands:



Bracing the hoof while sanding:

Holding it against the outside of your thigh:

Between your legs with a cross grip:



The task can be made even easier by using a hoof stand—especially one with a ‘cradle’ attachment!

Sanding upper border of wall radius around and across it:

Hoof in a cradle:

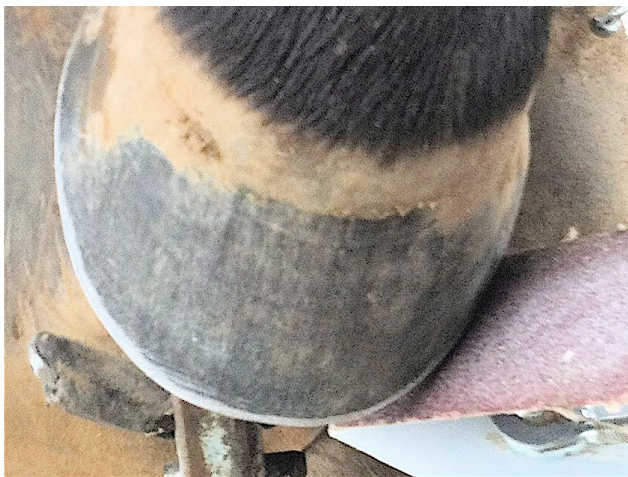


Hoof on a stand:



Relieve the outer edge of the wall from touching the ground!

Be sure to smooth the rounded edge of the wall at least ¼” above its bearing surface:



Belt Replacement and Tension Adjustment:

Using a wrench to rotate the turnbuckle tightens or loosens the belt. The red arrow shows direction of tightening. The belt should flex slightly under pressure from your finger when tight. A belt that is loose will be less effective than one that is tight.

Evolve Your Hoof Care

To rotate or replace a belt, use the wrench to loosen the turnbuckle, in opposite direction of red arrow, until you can pull the belt off of the white tool frame.

Hoof Buffer Parts:



Fitting the belt:



Finger tightening turnbuckle:



Adjusting tension w/ wrench:



Keep the belt tight and clean!

Testing belt tension:



Clean the belt with a stiff wire brush:



Rotate the belt often!

Sanding belts will last longer if rotated slightly around the tool frame after use on 8 or 10 horses. This prevents distributes wear across the entire belt and prevents excess stress where the of the tool frame press against the belt.

Evolve Your Hoof Care

Don't forget to use Evolutionary Hoof Care's ***Concaving Sole Rasp*** to sculpt the protective concavity of the hoof's solar dome!

Evolve Your Hoof Care:

Give your horse the most durable hooves Nature has made possible

Evolutionary Hoof Care tools are available at:

www.evolutionaryhoofcare.com