



INSTALLATION MANUAL 'FEROX COW MATTRESS ROLL'
(endless cow lying box mattress solution)

Step 1;

In the beginning and the end of the lying box area, attach rubber 'End Strips' to the concrete, using stainless steel pins.



Step 2;

To cover the 28mm Latex Foam Sheets, place a large piece of plastic in the (clean) lying boxes. Place the foam sheets on the plastic. Then cover the foam sheets totally, and seal everything with strong tape, leaving no cavities.



Step 3;

Roll out the FEROX Cow Mattress Roll in the alley in front of the lying boxes. Then maneuver the roll in its place, resulting in the solid edges of the roll closing in the covered foam sheets.



Step 4;

Make sure that one end of the roll exactly covers the end strip. Firmly attach the end of the roll to the concrete (through the end strip) using a stainless steel strip and stainless steel pins.



Step 5;

On the other end of the roll, put tension on the roll, using a tractor, or straps attached to a firm object. Then, the roll can be stretched.



The roll needs to be installed under tension because of the fact that the roll is made of natural rubber. Natural rubber tends to change shape under temperature changes. How many centimeters the roll needs to be stretched depends on the temperature during installation. To determine this, these rules should be followed;

- Temperature app. 0 degrees Celsius: Stretch 5mm per running meter of roll
- Temperature app. 10 degrees Celsius: Stretch 3/4mm per running meter of roll
- Temperature app. 20 degrees Celsius: Stretch 2mm per running meter of roll

If necessary to get the rolls totally straight you can stretch a few mm extra.

It is also important that, during installation, the concrete and the rubber have the same temperature. So do not install a roll straight out of a warm warehouse into a cold stall.





Step 6;

When the roll is stretched, firmly attach the front side of the FEROX Cow Mattress Roll to the concrete, using stainless steel strips and pins. When this is fully done, the tension can be released from the roll. Proceed with attaching the second end of the roll to the concrete, with stainless steel strips and pins, through the end strip.



Step 7;

Finish the installation by closing all holes using strong Kit.

Please note; the back side of the rolled mat does not need to be fixated to the concrete. The solid edge of the roll is heavy enough to keep the roll down, and the fact that it is lying loose gives the rolls some space to react to atmospheric changes.



