

INSTALLATION GUIDELINES EQUINE MATS

Here are basic recommendations for the installation of ergonomic mats in a stable (**alley, stall, saddlery** and **carousel**).

PRELEMINARY PREPARATION

Mat Choice

In the equine sector, Royal Mat recommends using the **Ergobridge** ergonomic mat. The diamond plate top design and the grooves on the bottom allow proper absorption of the horse's weight while providing stability through its non-skid design. The top rubber surface of this model is easy to clean. The grooves on the bottom allow liquid to drain off effectively. This promotes animal comfort and health as its paws remain dry.

You can choose between 4' x 6' mats or interlocking mats.

In the stalls, we recommend using a stall kit designed specifically for 12'x12' stalls. The Interlocking edges technology can easily hold mats together, while benefiting from the **Ergobridge** top surface design.

Installation Temperature

Install when the ambient temperature is mild (around 15°C/60°F) to prevent excessive rubber expansion and contraction. We recommend that you leave the ergonomic mats at room's ambient temperature 24 hours before installation. You should not install when the temperature is below 10°C/50°F, or over 25°C/75°F.

You should expect a variation in size of 3,5mm/1/8" in width and 5mm/3/16" in length for every 20°C/35°F in temperature change. Always install mats leaving 10mm/1/2" all around the room to enable the mats to expand.

Required Area

First of all, stall mats must be installed on a level surface that is free of holes or bumps that could distort or damage the flexible rubber mat.

Ideally, mats should be installed on a clean and dry concrete or asphalt base. A well-compacted gravel surfaces that will not shift over time may be suitable. A treated wooden floor can also be appropriate.

Inspection and warranty

It is your responsibility to inspect delivered product thoroughly. Any anomaly or defect must be reported before installation. Find out about our limited warranty on the product to be sure it applies in case of problems.

List of Materials

1. Royal Mat 4'x6' rubber mats or 12' x 12' stall kit
2. Measuring tape
3. Quality, non-retractable utility knife (extra blade)
4. Chalk line
5. Metal straight edge or T-square



For additional recommendations, please call Royal Mat Customer's Service.



INSTALLATION OF EQUINE MATS

Step 1



Clean the concrete surface where the mats will be installed (*Clean, repair if necessary*)

Or

Compact the soil (*If the base is made of granular material, use a material with a size of 3,5mm/1/8" maximum. Cover the surface with a layer of 127mm to 152mm/5" to 6" thickness. Excavate if necessary.*)

The surface must be level, clean and dry

Step 2



Measure the room and determine the best configuration to place your 4'x6' mats. Bigging with those who needed no cutting.

Place the mats on the surface to be cover

Don't forget to always install mats leaving 10mm/1/2" all around the room to enable the mats to expand.

Step 3



Straight-edge mats : align each mat side-by-syde. Do not leave space between mats because dirt could accumulate there



Interlocking mats: Interlock mats together

Step 4



Final view of a stall with mats installed

The mat's weight alone is usually enough to keep it in place. You can also use nails or anchors to fix it to the floor.



CUTTING RUBBER MATS



For cutting, we recommend:

1. Snap a chalk line or mark the section to be cut with a chalk
2. Lay a metal straight-edge or a T-square across the line and hold it firmly
3. Use a non-retractable utility knife and make a first incision along the line

You can place a piece of 2"x4" wood block under the mat (along the place where you need to cut) to help you during cutting



4. Make several passes working down the established cut
5. When the cut is about 10mm/1/2" deep you can fold the mat on itself and it will break apart

6. If the mat is not completely break apart, keep the mat folded as you can see the cut wide open and use the utility knife to finish it
7. Replace mats leaving 10mm/1/2" spacing along walls, poles, obstacles, etc.

MAINTENANCE

The equine stall mat is easy to clean. Its non-porous and non-slip surface does not accumulate dust and allows liquids to drain off. You just have to sweep and then wash it with a nylon finish mop. We recommend using a soft conventional cleaning solution mixed with warm water.

We also recommend that you move the mats regularly to remove any dirt or waste that has accumulated under the mats and to keep your horses resting areas as sanitary as possible.

Stall mats will also help lower your bedding consumption such as straw or wood shaving. Less bedding means less waste, less work for you and less cost.

Warning: oil, grease and solvents must not come into contact with the rubber mat. If this happens, clean the residue as soon as possible to prevent damage and void warranty.

It is not recommended to use petroleum based cleaners because they can damage rubber mats.