INSTALLATION AND MAINTENANCE
DAIRY MAT

Here are basic recommendations for the installation of dairy:
- **tied stalls**
- **free stalls**

PRELEMINARY PREPARATION

Mat choice
In the stalls ? **Ergobridge** ergonomic mats (softer mat, easier to clean) T134BRP or T134R+P
In alleys and standing areas ? **Isomat** beehive mat T134 or T134A.

Free stalls
To keep the cows from lying down in the alleys, it is important to make sure cows can feel a difference between the hardness and surface of mats placed in the alleys from the ones in stalls. Interlock mats are not recommended in aisles if a manure scraper is used, unless the scraper is equipped with a rubber lip.

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 cow 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

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 'x 6' rubber mats
2. Royal Mat Sealant (it is recommended to use a sealant to seal the joints between straight-edge mats). You should plan for 1 tube for every 7 lin. m/20 lin. ft
3. Caulk gun
4. Anchors (anchor the mats every 200mm/8'' across both directions of each mat – 70 anchors/mat)
5. Quality, non-retractable knife (extra blade)
6. Scraper or spatula
7. Hole saw (if you have to bypass poles)
8. Measuring tape
9. Chalk line
10. Metal straight edge or T-square

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

Step 1

Clean the surface where the mats will be installed

The surface must be level, clean and dry

Step 2

Align each mat side-by-side if using straight-edge mats
Or
Interlock mats together

Steps to follow if you have poles (otherwise skip to step 3)

Step 2.1

Use a non-retractable knife and cut a notch in the mat in front of the poles

Step 2.2

With a hole saw, drill a hole at the end of the cut (where the column will be found).

Replace your mat

Step 2.3

Close the hole and the notch with the sealant

Add an anchor on each side of the notch

Step 3

Straight-edge mats only (steps 3 and 4):

Lift the side of each mat and insert the sealant between the joints (make sure all spaces are filled)

Fold down each mat on the sealant. Make sure that the sealant remains between the two

Step 4

Wipe off any excess sealing material with a scraper or a spatula

Step 5

Drill holes every 8-10 inches with a drill

Step 6

Hammer the anchors in while making sure each one is properly driven into the hole

Royal Mat 132, 181ᵉ Rue, Parc Industriel, Beauceville (Québec)
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Final view of an alley with mats installed

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

Royal Mat cow mats are very easy to clean. Their non-porous non-slip surface facilitates cleaning. You can scrape or brush the surface and clean it using a conventional cleaning product.