

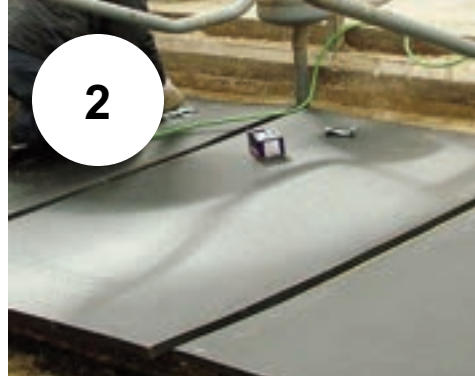
## Typical Installation in new or old barn

(free stall or tie stall)

In new construction Mayo Mats are easily installed in a few minutes. They are lightweight and one person working alone can usually install as many as 20 mats per hour. These installation instructions assume that your stalls are 48 inches wide. If your stalls are narrower, slice off the appropriate width of mat. (e.g. for 46 inch stalls slice off two inches).



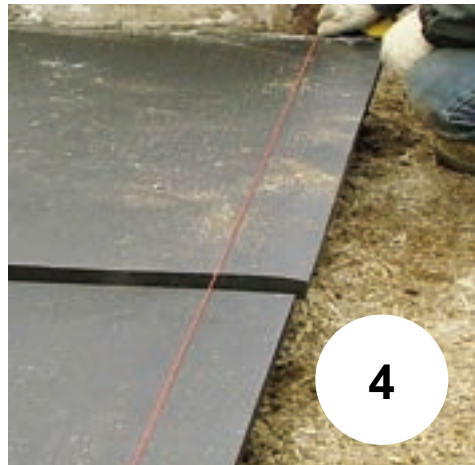
Tools needed: a hammer drill and a hammer. In most installations the mats may have to be shortened so you will also need a sharp knife and a chalk line. We recommend a low cost utility knife with “snap-off” blades. It is also helpful to use some kind of 2 inch spacer to ensure mats are always at least 2 inches apart.



Lay the mats in the stalls a minimum of 2 inches apart. The gap is absolutely essential to allow for the expansion which occurs in the first few months. Don't worry about the gap filling with bedding...the Mayo Mat material is rigid enough that bedding does not work its way under the mat.



Use good quality concrete anchors with 1 inch washers. We like the 1/4 inch x 3.5 inch mushroom head spikes from Power Fasteners because their rounded tops cannot hurt cows and they are easy to install. Drill a 1/4" hole 4 inches in from the two front corners and at least 4 inches deep. Bang in the anchors with the hammer. Take care not to drive them too far into the mat...just dimple the mat slightly.



Finally, snap a chalk line down the entire row of mats 2 inches in from curb. See back panel for detailed cutting instructions.

## Addl. instruction for “Greenhouse” buildings

(free stall or tie stall)

“Greenhouse” barns allow a lot of light to reach the surface of Mayo Mats and so we need to guard against curling of the mats due to sunlight. Follow this step after completing the first four steps on the previous page.



Fasten a “Mayo Plank” over the space between the mats. This is a 1 x 4 plastic board made from recycled plastic and rounded slightly on the edges. This keeps material from getting under the mat by preventing it from curling in very high intensity sunlight.

## Maintenance of Mayo Mats

Mayo Mats need very little maintenance. However, over the course of the first year you will notice that the mats expand. In some instances the mats will expand over the end of the stall slightly. If this should happen, use your Stanley knife to slice off another inch of material.

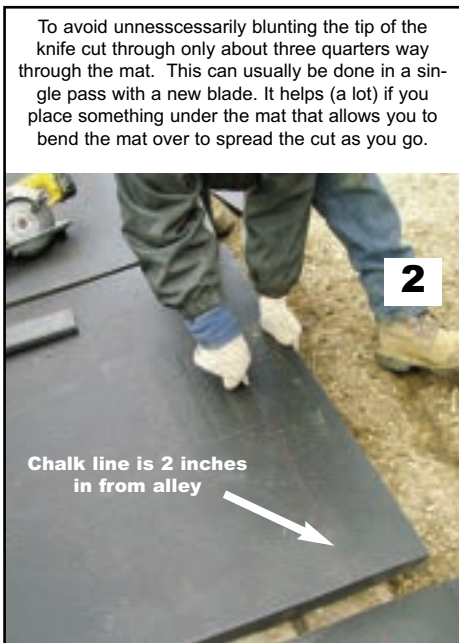
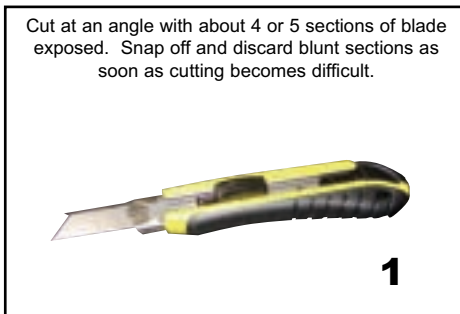


Also, a few mats may expand at the back corners as in this picture and start to touch each other. It is a good idea to slice out a wedge of each of these mats to restore the gap.

All stalls, regardless of bed type, should be cleaned out twice or three times per day. Use a metal or plastic scraper to pull manure off the mat into the alley. It is also good practice to spray with an approved disinfectant spray.

# Cutting Mayo Mats

Despite their immense strength and toughness, Mayo Mats are easily cut using a sharp utility knife. We have had good luck with the Stanley knife pictured below (available from Mayo Mats or from your local hardware in many cases).



# Brisket Boards

For cleanliness Mayo Mats recommends the use of a brisket board at about 66 inches from the alley in free stalls. This helps to ensure that soiling of the stall is minimized and helps with the control of somatic cell counts and mastitis as well as reducing cleaning requirements at milking time. Here are two suggestions. There are, of course, many other acceptable ways to build brisket boards.



This is 4" schedule 80 PVC pipe. The bracket is made from a 1 to 2 inch length of steel pipe welded to a flat steel plate with two holes for anchors at the bottom. One bracket per mat. The fastener at top is only needed at the end of each run to keep the pipe from sliding left or right.



2 x 8 brisket board from treated lumber great for new construction. The area behind the brisket board is leveled off to the height of the board with concrete

# Mayo Mat Installation Instructions

## General rules for all installations

Stalls must be concrete in good condition with a straight fall-off to the alley i.e. no lip at the back of the stall. The concrete should be free from cracks or holes.

If the mats are being installed where the back pipe of the stall partition goes down into the concrete, sometimes the concrete has been "mounded" around the pipe. If this is the case, either the mound should be leveled off and smoothed with new cement or the mat will have to be cut out around the mound. (It is very important that mayo mats be in direct contact with the surface beneath them throughout their entire area.)

Mayo mats swell slightly over the first 10 months or so. It is absolutely imperative that you leave an expansion space between mats of 2 inches. If the last mat in a row is up against a wall, a space of one inch should be left between wall and mat. If you have to cut out the mat around any obstacle remember that the mat expands away from the anchors and cut a two inch expansion space to the front of the obstacle.

Mayo Mats should be anchored in the front corners only. Do not under any circumstances fasten down the sides or across the back.

Mayo Mats should not be left in direct sun for more than fifteen minutes. Sun tightens the skin on Mayo Mats and causes them to curve upward slightly and this can cause bedding to get under the mats while in use.

These installation instructions are not expected to answer all questions in all circumstances. Should you have an unusual installation requirement not addressed by this pamphlet please contact us directly. We will be happy to guide you through the job by phone.

**Marketlink (Worldwide), Inc., 9050 Red Branch Rd. Unit K, Columbia, MD 21045**  
toll free (855) 629-6628 Fax: (410) 510-1168

**www.mayomats.com**