



## FIXING INSTRUCTIONS FOR

# *Pasture Mat®*



## Premium Pad™ HD foam

### READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING AN INSTALLATION!

Check with your supplier if any doubts occur about the installation process.  
CORRECT AT DATE OF PRINTING IN JUNE 2013

Promat Ltd. only give a warranty for mattresses which have been fitted in accordance with these instructions.

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### WARNING:

Please take care with moving around the mattresses and top cover. Each mattress is heavy and proper lifting techniques are advised. Additionally the roll of top cover is heavy and care must be taken when moving it around.

### Note:

When the Pasture Mat® is installed into existing cubicles, the cubicle bed becomes a little higher. We therefore recommend rising loops and neck-bar by approximately 60mm. This will increase if using Premium Pad foam.

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### Step 1: Preparation

Tools needed for installation:

- Drill - an SDS drill will enable the job to be completed much quicker. These can be hired for approximately £25 for 2 days, and are designed for drilling holes in concrete.
- Extension lead for the drill.
- Drill Bits – **6.5 mm** SDS bits – as a guide 1 drill bit will usually do approximately 30 Pasture Mats in average quality concrete.
- **8mm** SDS bits for fixing moovApillow thunderbolts
- Hammer
- Stanley Knife
- Torque gun for installing moovApillow bolts and 15mm socket.
- **Make sure that the surface of the cubicle is DRY and CLEAN.**

### Step 2: Laying out the mattresses

- Put the mattresses on the cubicle floor. Lay them next to each other comfortably, without pushing them up tight ( they should be approx. 1150mm to 1190mm). This will ensure they do not move when installation is complete.
- The Pasture Mat label should be at the front, with the small seam at the heel-curb end. FIGURE 1.



FIGURE 1. Lay out the mattresses with a nice tidy edge.

- Make sure that the rear end of the mattresses is approximately 50mm from the heel curb, with a nice straight edge (remember, the tidier the edge now, the tidier the finished job will be). FIGURE 2.

❖ NOTE: If installing the MoovApillow™ it is advised that the front seam and label should be neatly tucked under the mattress.

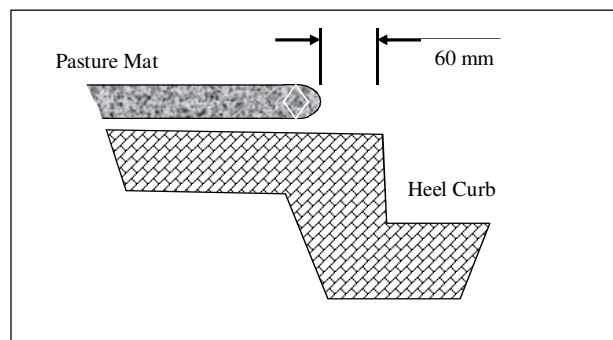


FIGURE 2. Diagram of the heel curb, and the position of the Pasture Mat.

## ❖ Optional Premium Pad™ HD foam



### 20mm thick Premium Pad:

- Position the 20mm thick Premium Pad foam layer on top of the mattresses
- Ensure the Premium Pad is square with the back of the mattresses and all sitting neatly next to each other. There should not be visible joins between each sheet. FIGURE 3.
- NOTE: different batches of Premium Pad may have variation in colourings

FIGURE 3. Optional 20mm Premium Pad foam on top of the Pasture Mat mattresses

**30mm thick Premium Pad:** When using the thicker 30mm foam we advise back stripping the top-cover. This means the cover is secured with additional plastic strips along the heel curb first, then the mattresses and foam are laid, and the cover is tensioned forward, and fixed at the front.

Using the 30mm foam may also require 'stepped bed' installation allowing the pillow to sit higher than normal. If in doubt, ask your representative about this!

## Step 3: Preparing the Top Cover

### TIP:

#### TAKE CARE OF THE TOP COVER DURING TRANSPORT AND INSTALLATION

During the installation process do NOT to put any sharp or hot objects on the top cover. During drilling the drill bit will become hot and can damage the waxy cover.

- Roll out the top cover down the passage and cut to the desired length. Usually allow 150mm extra at each end to ensure sufficient cover, before cutting.
- Flip the cover over, on top of the mattresses (and optional 20mm Premium Pad foam). Ensure that the furry white side is downwards, and the smooth/waxy side is uppermost.
- Line up the top cover along the front of the mattresses/foam. Ensure an overlap of approximately 70 to 100mm. Check that the top cover is lying smoothly on the mattresses/foam.

### IMPORTANT:

**WHEN FIXING IS COMPLETED**  
the smooth / waxy side of the top cover is uttermost.

#### Step 4: Fixing the Top Cover

##### ❖ Use the plastic strips

- Take the 50mm wide plastic strips and lay along the top cover overlap, at the front of the mattresses.
- Drill and nail with nails provided (use a 6.5 mm drill bit).
- Nail every 200 to 250mm
- Ensure that the plastic strip is effectively fixing the top cover to the concrete.

NOTE: if using the 30mm foam, fix the cover using the back strip also.

##### ❖ Optional MoovApillow™ brisket barrier

- Lay the lengths of MoovApillow™ along the front edge of the top cover, overlapping the plastic strip.
- Ensure it is positioned 1680 to 170mm (66 to 67 inches) from the heel-curb to the front edge of the moovApillow.
- Ensure moovApillow joins overlap correctly FIGURE 4.
- Drill a 8mm hole, and install the thunderbolts complete with washers (these will be central in the slots, allowing 70mm adjustment), using a 15mm socket.
- When happy with the location, it is recommended the ends are secured with a standard nail fixing.

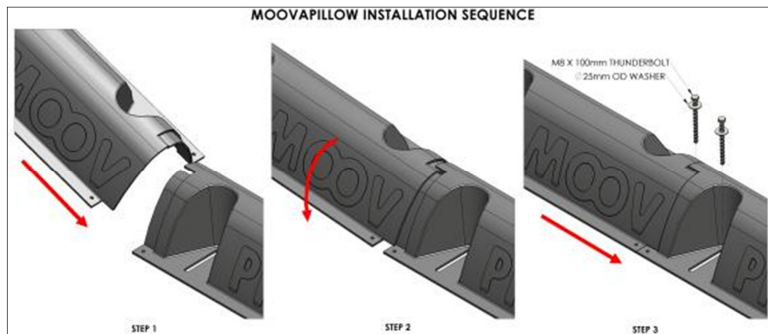


FIGURE 4. Ensure moovApillow joins overlap correctly



FIGURE 5. Pasture Mat mattresses installed with moovApillow  
(NOTE: sometimes the MoovApillow will overlap the plastic strips)

#### Step 5: Tucking the Top Cover

- Work your way along the back edge tucking the top cover under the mattresses. This may take more than one attempt. FIGURE 6 & 7.



FIGURE 6. Tuck the top cover under the mattresses as tight as possible.



FIGURE 7. Top cover tucked under the mattresses.

- Ensure the tuck is as tight as possible. You should be able to tuck approximately 170 to 300mm of top cover under the mattress.
- You should now have a tidy fold along the heel curb, which shows approximately 40mm of concrete along the top of the heel curb.

### Step 6: Finishing

- Using the 50mm plastic strips provided, fix the top cover to the floor at the ends of each row (The strips will need trimming to the correct length).
- The remaining top cover can be trimmed neatly with the Stanley knife.

#### Tip:

During installation do regular checks to ensure that the completed installation is neat and tidy. The top cover is very forgiving; however take care to ensure that no wrinkles develop.

### Step 7: When the cows are introduced to the Pasture Mats®

- For the first few days observe the tuck at the rear of the mattresses. A crease will form along the fold as the cows spend more time in the cubicles.
- Ensure that the tucking is tight. If it is noticed that there is loose cover along the back, the tucked top cover will need to be pushed in once more.

### Technically difficult installations

In some applications there will be cubicle legs or stanchions in the middle of a stall. In most applications these can simply be neatly cut around as in FIGURE 8 & 9.

Where the obstruction is in the middle of the stall, the top cover will need joining. This is no problem, and the join will be as good as the rest of the top cover, however specialist tools are required and you will need to consult with your supplier.



FIGURE 8. (left) Top cover cut around the back leg.  
FIGURE 9. (below) Pasture Mat installed into kennels



#### WARNING:

Please take care with moving around the mattresses and top cover. Each mattress is heavy and proper lifting techniques are advised. Additionally the roll of top cover is heavy and care must be taken when moving it around.

If you have any questions, contact your supplier before you start the installation. Remember, when you start the installation you are responsible for the fitting of the Pasture Mats® mattresses, Premium Pad™ HD foam and moovApillows™.



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