

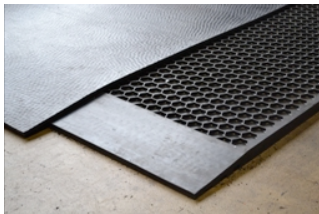
### 1. Introduction

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Meadowbed is manufactured from SBR rubber. This slip-resistant product is very durable and provides a non-porous, safe, comfortable bedding system.

- The Meadowbed cushion is 48" x 66" with a 3-D honeycomb pattern for cushioning.
- **Note: call the number below about irregular installations or trouble with measurements.**
- The system includes a hammer top roll, typically in 80' long sections, 69" wide and designed to overlap the honeycomb mattress.
- The rolled hammer top cover has a nylon insert to minimize stretching and increase tensile strength.
- Manufactured of high quality materials and carefully inspected before shipment, however, a quality installation is the responsibility of the installer. The installer needs to verify the accuracy of the order, and materials need to be inspected for damage and defects prior to installation.

**An authorized Red Barn distributor shall be notified of any damages or product irregularities prior to installation. Red Barn products are not recommended for environments where the material will be exposed to oils or petroleum based products.**



### 2. Handling & Storage of Materials

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Receive mats and rolls in a careful manner to avoid any damage. Store material indoors in a clean environment to avoid contamination and allow the material to acclimatize before the install.

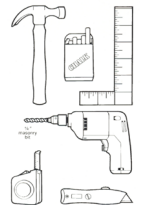
**Rubber mats are susceptible to dimensional changes due to temperature and climate conditions. It is vital that site conditions remain constant within the acceptable working range of the installation area which is  $\pm 10^{\circ}\text{C}/ 50^{\circ}\text{F}$  of the average local temperature.**

### 3. Installation Materials

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- a) Red Barn honeycomb cushion
- b) Red Barn hammer top cover roll
- c) Tools

- Sharp utility knife & spare blades
- Carpenter square & straight edge
- Measuring tape
- Chalk line (for layout)
- Markers (to indicate cut lines)
- Cut-resistant gloves
- Safety glasses
- Drill
- 3" concrete anchors (Stainless Steel preferred)
- Corresponding drill bits
- 1/4" Fender washers (Stainless Steel preferred)
- Hammer



### 4. Sub-Floor Preparation

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Rough and uneven sub-floors can diminish the appearance, cause uneven top surfaces and shorten the life span of such flooring. Warranty is void if the proper preparation of concrete sub-floors has not been followed:

- Minimum 10.16 cm [4"] thick
- No holes
- Level off uneven areas
- Ensure existing concrete floors are clean and smooth.
- Repair any low spots with a cementitious based latex patch mix.
- Fill and smooth any rough or porous concrete sub-base prior to installing flooring.

### 5. Installing Red Barn Honeycomb Mats

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**It is the installer's responsibility to inspect the dry laid installation and notify the appropriate authority of any imperfections or irregularities prior to final installation.**

Before work commences, examine the areas to be covered and repair.



- Line up the cushion pads four (4) inches from the curb and lay them side by side tightly.

Place two anchors in the thickest portion of the ramp of the honeycomb cushion, to keep the cushion from shifting.



## 6. Cutting Red Barn Roll



Red Barn rolls can be cut with a utility knife using a straight edge or square as a guide. Round holes can be cut using a hole saw or fine tooth jigsaw.

## 7. Installing Red Barn Cushion Cover

- Line up the rolled top cover so it butts up with the cushion edge on the front of the stall (cow's head end) and roll it out so it is tight over the honeycomb cushion.



- Start at the end of the roll and drill through both the top cover and cushion pad. Pound the anchors in as you go. **Do not attempt to drill all the holes and then put the fasteners in afterwards.** (1/4" x 3" anchor)
- Center the holes within the meaty portion of the cushion pad's edge (hole should be 1 1/2" from edge). Fasteners should be used along the front/head end of the stall 1 1/2" from the cushion edge as well as approximately 12" apart making for a total of 5 fasteners at the top of the



stall and 2 fasteners on the ramp for a total of 7 fasteners per stall.

- The curb side (cow's rear end) of the cushion cover should lie flat and rest 1" (absolute minimum 1/2") from the curb so it cannot be lifted



by a cow. If additional anchors are required to hold down the cushion cover on the curb end, 2" anchors should be placed as needed.

## 8. Cleaning and Maintenance

- New material may be slippery and may need to be washed down prior to use. A general purpose dairy cleaner with lower or neutral ph is recommended. Or, sprinkle sand over the rubber for the first period until the mold release is worn off.

### Precautions:

- Red Barn matting must not be cleaned with any petroleum based cleaners. If any petroleum product is spilled on the matting, it should be removed immediately to avoid damage to the matting and voiding of warranty.
- Avoid use of bleach/chlorine.

## 9. Disclaimer

- This procedure is a guideline which may be used to produce an effective finished installation and should be reviewed in the context of the installation site(s).
- North West Rubber Ltd., (NWR)** does not warrant any installation work not directly performed by **NWR**, and specifically disclaims liability for any direct or indirect personal injury, property damage or other costs or losses resulting from installations or applications by third parties. Please see the **NWR**, Limited Warranty for the particulars of warranty coverage relating to **NWR** products.