

ROLLED RUBBER



Installation Guide



A NORTH WEST RUBBER COMPANY

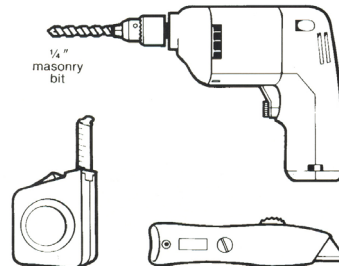
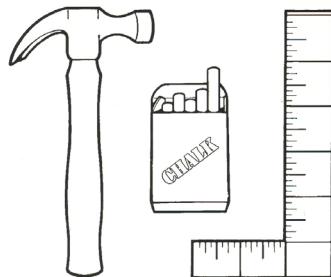
Prerequisites

Product Specification:

Part Number	Description
5325101 / 5325102 / 5325103 / 5325105	Diamond Traction Dairy Roll
5324101 / 5324102 / 5324103	Pebble Top Dairy Roll

Tools required (not supplied)

- Sharp utility knife & spare blades
- Hole saw or fine tooth jigsaw
- Carpenter square & straight edge
- Measuring tape
- Chalk line (for layout)
- Markers (to indicate cut lines)
- Cut-resistant gloves
- Safety glasses
- Drill
- 2 ½" concrete pins
- 1" washers
- Hammer



Before Installation:

Our rubber rolls have a nylon insert to reduce 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.

Job Site Conditions:

The installation of any resilient rubber flooring is only as good as the sub-floor it is laid upon. Rough and uneven sub-floors can diminish the appearance, cause uneven top surfaces and shorten the life span of such flooring. We therefore recommend proper preparation of such sub-floors as follows:

- Minimum 10 cm 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.

Material Storage and Handling:

- Receive rolls in a careful manner to avoid any damage. Prevent damage or contamination to materials by freezing, excessive heat, foreign matter or other causes.
- Rubber rolls 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 $\pm 10^{\circ}\text{C}$ ($\pm 50^{\circ}\text{F}$) of the average local temperature.



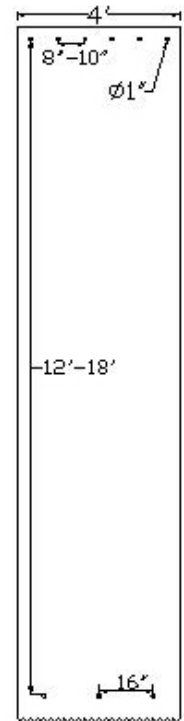
Installing Animat Rubber Rolls

1

Stretch and Hold Method

Ensure that the subfloor is clean, level, and free from debris. If necessary, repair any cracks or irregularities in the subfloor.

- Allow the material to come to normal room temperature ($\pm 64^{\circ}\text{F}$ or $\pm 18^{\circ}\text{C}$) prior to this installation method.
- Unroll material in the alley and pin the leading (uphill end or the end where the manure scraping starts) with $2\frac{1}{2}$ " concrete pins and 1" washers. Place a pin every 8" – 10". More pins may be required if the slope is severe.
- Stretch material up to .05% and pin as per above.

**2**

Let it Ride Method

- Unroll material in the alley and pin the leading (uphill end or the end where the manure scraping starts) with $2\frac{1}{2}$ " concrete pins and 1" washers. Place a pin every 8" – 10"
- If necessary retain the material from moving sideways with a strip of $\frac{1}{2}$ " plastic or other suitable material. Having the material inset into the concrete is ideal. Leave half ($\frac{1}{2}$ " inch for every 4 feet of width for sideways movement.
- If the barn alley is longer than one roll length, allow room between the rolls for the material to stretch. Cut off excess material when necessary. The material will stretch more in the first year than in subsequent years.



In the event of sand in the barn, it is recommended to pin down the roll material to keep the sand from building up under the rubber and causing excess wear

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3

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 to remove mold release left over from the manufacturing process. Or, sprinkle sand over the rubber for the first period until the mold release is worn off.

Precautions:

- Rubber 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.

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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.



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