

Mats Inc. Installation and Maintenance Instructions for 3M™ Nomad™ Scraper Matting 1500, 6050, 8100, 8150

These instructions supersede any verbal or written instructions from Mats Inc. representatives, and must be followed in order for the warranty to be in effect.

Delivery

- Accept delivery of materials only if they are in unopened, undamaged packaging that bears the name and brand of the manufacturer or supplier, project identification, and shipping and handling instructions.

Storage

- Nomad™ matting should be removed from shipping packaging, unrolled to lay flat and acclimatized in installation area whenever possible. Reverse rolling the product often times aids in relaxing the roll memory of the product. Room, floor covering and adhesive must be at a temperature of 70° F degrees for 24 hours prior installation.
- **If material is flattened or distorted during storage or transporting, do not attempt to install it.**

Materials and Accessories Required

Consult the appropriate Material Safety Data Sheets (MSDS) for proper handling of accessories.

- **Matting:** 3M™ Nomad™ Scraper Matting 1500, 6050, 8100, 8150
- **Other:** tape measure, straight edge, caulk line, utility knife, matting seaming tape, 3M matting adhesive (3 oz. tube)

Surface Mount Installation

1. 2 hours prior to installation, lay out the matting on the subfloor under normal, occupied lighting conditions in the configuration required for installation. This step will ensure the matting acclimates to the climate properly.
2. Use a utility knife and a straight edge for cutting. Do not use scissors.
3. Install the mat with the flat side down. The top side is rougher in order to remove dirt and debris.

Recessed Well Installation

1. 2 hours prior to installation, lay out the matting on the subfloor under normal, occupied lighting conditions in the configuration required for installation. This step will ensure the matting acclimates to the climate properly.

2. Carefully measure the recessed well to determine which direction to place the matting to reduce the number of cuts required and to minimize the amount of material waste. If possible, avoid very small pieces.
3. Use a utility knife and a straight edge for cutting. Do not use scissors.
4. Place the relaxed mat flat side down against one edge of the well without stretching it. Force as much matting as possible into the well and work material into place with hands or feet.
5. Place sections into the well until the well is filled.
6. Allow 1/4" (6mm) of extra material per foot.
 - Example: recessed well is 6 feet long. The matting should be 6 feet 1-1/2 inches long.
7. Cut the last edge using a utility knife and a straight edge. Cut the mat while it is in the well to minimize movement. Force the extra material into the well. If it buckles you may need to cut off a small portion on the edge.
8. It may be necessary to cut the last section of matting to the exact width required. To do this, measure and mark the matting. Cut the matting using a utility knife and a straight edge. Force the last piece of matting into well.

Instructions for Seaming Matting

1. Before seaming the matting, be certain that the matting is relaxed and not stretched. Unroll the matting and allow it to relax and come to room temperature for 24 hours. Do not stretch matting when seaming.
2. Seams must be positioned so that, where possible:
 - They run the length of the area.
 - Main traffic flow runs along, rather than across, the seam.
 - Natural light does not strike across the seam.
 - Are away from areas subject to pivoting traffic.
 - Are not perpendicular to doorway openings.
 - Maximum recommended mat size after seaming is 80 sq.ft.
3. Place pieces of matting to be seamed side by side on a clean surface. Be sure the flat side is down on both pieces to be seamed.
 - Use pieces from the same roll to assure color shade is the same.
 - Be certain that the matting is relaxed and not stretched before seaming.
4. Unroll seaming tape between the two pieces of matting that are to be joined.

5. Position the two pieces of matting on the seaming tape so that the edge of each piece covers half the width of the tape. Be sure the two pieces of matting touch at the center of the tape but do not overlap or buckle.
6. Fold back the edge of one piece of the matting along the full length of the seam.
7. When applying adhesive, work rapidly. Adhesive may cause wrinkling of the seaming tape if the matting is not joined within 5 minutes of applying the adhesive. Apply adhesive in a continuous “zig-zag” pattern staying ¼” (6mm) from the outside edge of the exposed half of the seaming tape.
8. Return the folded edge of the matting to the original position and apply moderate pressure to bond the adhesive.
9. Fold back the other piece of matting along the entire length of the seam.
10. Apply 2 additional beads of adhesive. The first bead should be applied along the joint of the seaming tape and bonded matting material. The second bead should be applied in a “zig-zag” pattern ¼” (6mm) from the outside of the exposed half of the seaming tape.
11. Return the folded back edge of the matting to the original position and press firmly. Push both pieces of matting together to help assure a close bond.
12. Place a weight, such as a board, along the full length of the seam to assure a maximum strength bond. Allow to dry at least eight hours before placing matting into service.

Instructions for Applying Edging to Matting

1. Before applying edging, be certain that the matting and edging are relaxed and not stretched. Unroll the matting and edging and allow them to relax and come to room temperature for 24 hours. Do not stretch matting when applying edging.
2. Apply edging to the opposite side of matting where most people will walk. Recommended maximum edge length is 12 feet (4 m).
3. Sides to be edged must be straight. Trim edges with a utility knife (not scissors) and a straight edge if necessary.
4. Cut length of edging to the same length as edge of matting.
5. Place edging flat on the floor, grooved side up.
6. Apply 2 beads of adhesive, one in a straight pattern following the inside edge and the other in a “zig-zag” pattern staying ¼” (6mm) from edge.
7. Place the bottom side of the matting edge on top of the edging flap containing adhesive and apply moderate pressure.
8. Place a weight, such as a board along the full length of the edging to assure a maximum strength bond. Allow to dry at least 8 hours before placing matting into service.

Clean Up and Final Finish

- Commercial vacuum to clear the area of debris and grit.
- Keep all traffic off matting for 8 hours to prevent indentation while the adhesive sets.
- Wait 8 hours before doing initial cleaning or allowing rolling traffic or furniture on the floor.

Maintenance Instructions

Initial Cleaning

- Vacuum (with heavy-duty commercial vacuum) the floor to remove all dirt and grit. **This is the single most important maintenance activity for preserving the floor's appearance and performance – and typically the most overlooked and omitted.**
 - Use a heavy-duty commercial vacuum cleaner that features a rotary power brush or beater bar to remove deeply embedded dirt particles, especially in heavy traffic areas. Matting products release more soil when dry.

Daily Cleaning

- Vacuum (with heavy-duty commercial vacuum) the floor to remove all dirt and grit. **This is the single most important maintenance activity for preserving the floor's appearance and performance – and typically the most overlooked and omitted.**
 - Use a heavy-duty commercial vacuum cleaner that features a rotary power brush or beater bar to remove deeply embedded dirt particles, especially in heavy traffic areas. Matting products release more soil when dry.

Weekly Cleaning

1. Remove matting from service.
2. Turn matting over and run beater bar, dry vacuum on back side of matting.
3. Pick up matting.
4. Clean up dirt/debris from floor (sweep, vacuum, damp mop, etc.)
5. If needed, flush both sides of the matting with warm water to remove remaining dirt.
 - a. Allow mat to dry before placing it back into service.
6. Place matting back in service and vacuum top surface of matting.
 - a. Use a heavy-duty commercial vacuum cleaner that features a rotary power brush or beater bar to remove deeply embedded dirt particles, especially in heavy traffic areas. Matting products release more soil when dry.

Periodic Cleaning

1. Remove matting from service.
 2. Scrub matting using a brush with a low foaming general purpose cleaner. (For heavy grease buildup, use a water-based degreaser).
 3. Flush matting with hot water and allow to dry flat before placing it back into service.
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1. Remove matting from service.
 2. Clean matting using a high pressure washer with a low foaming general purpose cleaner.

3. Flush matting with hot water and allow to dry flat before placing it back into service.

As Needed

- **Spot Removal:** If a spill occurs, use a clean absorbent cloth or paper towel to absorb as much of the liquid as possible. Spray the stained area with an all-purpose spot remover and rub the surface with a clean white cloth. Turn the cloth often to a clean side. Grease or oil based stains may require a citrus-solvent based spot remover. All-purpose and citrus-solvent spot removers are available from your local janitorial supply distributor*.

**Note – Always test spot removers in an inconspicuous area of the mat.*

- **Gum Removal:** Excess chewing gum should be scraped off with a standard putty knife. Chewing gum residue may require use of a citrus-solvent based spot remover or a chewing gum freezing chemical (aerosol) available locally at your janitorial supply distributor.