



3M 9800 Nomad Carpet Mat Installation & Maintenance

Installation Instructions

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

Delivery

- Order materials in compliance with product supplier's ordering and lead time requirements, in order to take delivery at least 48 hours in advance of installation (to allow materials to acclimate to job site conditions).
- 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

- Store material in original packaging in areas that are enclosed and weather tight with the permanent HVAC system set at a temperature between 65°F and 80°F for a minimum of 48 hours prior to commencement of installation.
- Carpet 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 65° F degrees for 48 hours prior to and after 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.

- **Flooring:** Extreme Traffic Wall-to-Wall Carpet Matting 9800
- **Other:** tape measure, straight edge, caulk line, utility knife, matting seaming tape, 3M matting adhesive (3 oz. tube)

Substrate Preparation

All substrates

- The substrate must be sound, clean, permanently dry, perfectly smooth, and free of cracks and contaminants, including paint, old adhesive, curing



compounds, oil, grease, wax, asphalt, or other contaminants that could negatively affect the performance of the carpet matting.

Layout

- The architect or end user should be shown the proposed installation layout including any intended seam locations, with the goal of keeping seam visibility to a minimum. Position seams so that:
 - Main traffic runs parallel to – rather than across – the seam
 - Light does not strike directly across the seam.
 - The seams are away from areas subject to pivoting or rolling traffic.
 - In doorway openings connecting adjoining rooms, parallel seams are required.
- The flooring dealer or contractor shall provide a layout drawing for the intended installation that contains the following information
 - Date and scale of drawing
 - Location, swing, and clearance of all doors
 - Existing substrate/subfloor conditions
 - Notation identifying who is responsible for:
 - removal of existing floor coverings and/or underlayments
 - removal of debris from new floor covering installation
 - protection of finished floor covering after installation
 - Initial maintenance procedures
 - Name of manufacturer, product style, and pattern to be installed
 - Product quantities required
 - Seam layout including pattern match requirements (if required)
 - Location and type of all edge moldings and base required
- The end user shall be provided a copy of the layout drawing for approval prior to installation.

Instructions for Seaming Matting

1. 24 hours prior to installation, measure the area to be carpeted. Lay out the carpet matting on the subfloor under normal, occupied lighting conditions in the configuration required for installation. This step will ensure the carpet matting acclimate to the climate properly.
2. Make the necessary cuts and dry fit the cuts into place.
 - Recommended seaming techniques:
 - “Row cutting” - Proper pattern matching and satisfactory seams in carpets are best achieved when the carpet is cut along the manufacturing tuft rows. This is commonly known as “row cutting”. When removing the selvage edges care

must be taken to ensure that none of the yarn that involves the pattern is removed.

- Lengthwise seam cutting - Define the tuft row to be cut by parting the pile with a row finding device such as: screwdriver, awl or comb along the length of the proposed cut. Start the cut by making a small incision on the edge with a carpet knife. Insert the cutter between the backing yarns and cut along the tuft row. The cutter blade should always be positioned on the proper side of the cutter to insure the best seam possible; this may require the installer to make some trial cuts to determine the best side of the cutter the exposed blade should be on.
 - Cross/Butt/End seams - Most cut pile carpets can be row cut from the top side using a loop pile or cushion back cutter. Installers may find some products are easiest cut from the back side while following a “rib” tuft row utilizing a conventional carpet cutting knife.
 - Overlap - Place one piece of carpet over the other with an overlap of one inch. Use the top piece of carpet as your guide, and then simply cut along its edge. Both pieces should butt together tightly.
 - 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 160 sq.ft.
3. After dry fitting the carpet, thoroughly sweep the substrate to remove all dirt and debris.
 - Any irregularities on the subfloor can telegraph through the carpet.
 4. After removing all debris and contaminants from the substrate, position the carpet in the configuration required for installation.
 5. Carefully fold back the carpet seams exposing the subfloor.



6. Unroll matting seaming tape between the two pieces of matting that are to be joined and cut to length.
7. Apply a continuous wavy bead of 3M matting adhesive to half the width of the seaming tape.
 - When applying 3M matting adhesive, work rapidly. Adhesive may cause wrinkling of the seaming tape if matting is not joined within five minutes of applying.
8. Place the adhesive coated side of the tape under the edge of one of the carpet mats and apply moderate pressure to bond the adhesive.
9. Apply continuous wavy beads of adhesive to the other side of the seaming tape and to the top edge of the first carpet mat.
10. Lay the second mat on the adhesive coated area so that the edges of the two mats overlap.
11. Place a weight, such as a board, along the full length of the seam to assure a maximum strength bond.
12. Allow seams to dry at least 8 hours before placing matting into service.

Instructions for Applying Edging to Matting

1. Ensure that the sides to be edged are straight. Trim edges with a utility knife and straight edge if necessary.
2. Cut a length of edging to the same length as edge of the mat.
3. Place the edging flat on the floor, grooved side up.
4. Apply two beads of adhesive liberally to the top of the edging flap.
5. Place the edge of the mat on top of the edging flap containing adhesive and apply moderate pressure.
6. Place weight, such as a board, along the full length of the edging to assure a maximum strength bond.
7. Allow to dry at least 8 hours before placing mat into service.

Clean Up and Final Finish

- Commercial vacuum to clear the area of debris and grit.
- Keep all traffic off flooring 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 (Initial cleaning shall follow the latest version of the



maintenance instructions for 3M 9800 Nomad Carpet Mat, available from www.amarcomats.com.

- Covering exposed edges of flooring is recommended.
 - Use product coving or cove base molding on the walls around perimeter of room and protective molding at doorways or areas where the new flooring will fit against existing flooring. Use cap molding on walls if the flooring will be installed as coved installation.
 - If the exposed edge of new flooring extends above adjacent existing flooring, a protective molding must be used.
- Installing entrance matting systems at all exterior entrance ways is recommended to maximize the useful life and appearance of the flooring.
- Upon completion of the job, the end user shall sign a Job Completion Ticket.



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Maintenance Instructions

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.

Overall

Preventative maintenance: Because 90% of all dirt in a building comes in on footwear, Mats Inc. strongly recommends installing and maintaining entrance matting (preferably permanently installed) at all outdoor entrances (20-30 linear feet for major entrances; less for infrequently used entrances). Doing this will improve indoor air quality, reduce flooring maintenance costs, and lengthen the life of your interior floors.

Safety: Always post “Wet floor” and/or “Caution” tape when wet maintenance is going to be performed. Refer to cleaners’ MSDS for any Personal Protective Equipment requirements.

- **Actions not to take:** Extreme Traffic Wall-to-Wall Carpet Matting 9800 matting does not require waxing, buffing, or stripping. Therefore, there is no need to apply any type of floor finishes or waxes.

Initial Cleaning

1. 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.**
 - 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.

Daily Cleaning

1. 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.**
 - 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.



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. 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.

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.

Deep Cleaning

- Conduct deep cleaning as needed, when your routine cleaning is not meeting your expectations
- Extreme Traffic Wall-to-Wall Carpet Matting 9800 matting should be periodically deep cleaned by the Hot Water Extraction method. Best results and quickest dry times will be achieved with a commercial truck-mounted steam extraction machines. Extraction cleaning removes deeply embedded soils and should be performed as needed, based on your traffic count and soil level. A minimum quarterly extraction cleaning is recommended for high traffic applications, more often during winter months in traffic lanes.
- An alternative method is to use a high pressure washer (i.e. at self-service car wash). After using high pressure washer, hang mat up. Wash mat thoroughly with an all-purpose cleaning solution. Rinse mat thoroughly. Let mat dry before returning mat to service area.