



3M™ Nomad™ Z-Web Medium Traffic Scraper Matting 6250

Technical Data Sheet
April 2014

1) Product Description

The product is floor matting having a structure of vinyl filaments bonded to supporting ribs, embedded in a durable vinyl backing. The open mesh structure removes dirt and water from shoe soles and the supporting ribs provide channels for storage of dirt and water. The mat provides a comfortable walking surface, collects dirt and water, and helps stop dirt from being tracked into a building.

2) Intended Use

For use as an interior entryway mat or a mat to catch and contain spills. Not recommended for use in kitchens or in areas that are constantly exposed to grease and oil.

3) Colors

Gray, Brown

4) Physical Requirements

The product is made of all-vinyl nonwoven continuous filaments bonded together and embedded into all-vinyl backing to form a durable, resilient dirt and water removing mat.

Property:

Weight (minimum)
ASTM D-418

Typical Values
8.33 lb/yd² (4.5 kg/m²)

Thickness (minimum)*
ASTM D-418-68

0.20 inches (11 mm)

* Product may be compressed in package. Thickness is recovered loft.

Flammability

DOC FF 1-70 (Pill Test)

Passes

ASTM E-648 (Flooring Radiant)

0.81 watts/cm² (no ignition)

Meets or exceeds requirement for NFPA Class I. Recommended critical average radiant flux to be greater than 0.5 for institutional use, greater than 0.25 for residential and commercial use.

Microbiological Properties

ASTM-G-21-90

Passes - Inhibiting to fungal growth in the mat

Electrical Properties

AATCC 134

Static Generation

Neolite soles

1.6 KV





Chemical Resistance - All tests 7 days @ 72°F (22°C) unless otherwise noted

Water	Excellent
1% Detergent Solution	Excellent
5% Acetic Acid	Excellent
5% Sodium Hydroxide	Excellent
50% Ethyl Alcohol	Good
Hydrocarbon Solvents(Odorless Mineral Spirits)	Poor
Chlorinated Hydrocarbon Solvents (Methylene Chloride, Perchloroethylene, Chloroform)	Poor
Gasoline	Poor
Cooking Oil (peanut oil)	Poor
Excellent – No observed effect on product Good – Product stiffens or discolors slightly Poor – Product becomes unsuitable for use.	

5) Installation

Open the box, roll the mat out in the area to be covered and allow it to reach room temperature. 3M™ Nomad™ Z-web Medium Traffic Scraper Matting 6250 is designed to be installed with the Z-web side up; this side will be on the outside of the roll when received.

- 4-sided embossed edges are on standard on smaller sized mats.
- Nosing for 4 sided edging is available for larger mats.#

6) Cleaning and Maintenance

Daily Maintenance

1. **Vacuum daily.** Use an upright beater-brush dry vacuum adjusted to its most powerful setting. Move vacuum slowly over mat to allow time for dirt to be picked up.
2. In heavier traffic areas or at pivot points, rotate matting end for end when repositioning.
3. Important: Floor under mat must also be kept clean (swept and/or damp mopped underneath mat). The underside of the mat must be clean and damp mopped in heavy dust and debris areas.

Weekly Maintenance:

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.

Wet Conditions for Mats and Rolls:

1. Use an extractor or wet vacuum to remove as much water as possible from mat.
2. Allow mat to dry. Hang up if necessary. Use of fan or blower will reduce dry time..



3M™ Nomad™ and 3M™ Safety-Walk™ vinyl matting has been certified by the National Floor Safety Institute (NFSI) as providing a "high traction" backing. NFSI tested these 3M™ mats using its NFSI 101-C Test Method for Measuring Dry Transitional Coefficient of Friction (TCOF) of Floor Mat Backing Materials and found each mat to have a TCOF of greater than 0.05. According to NFSI, mats lacking the high-traction backing offered by 3M™ matting are more prone to movement, which can increase the risk of migration, buckling, and curling, which, in turn, can contribute to slip, trips, and falls.

Important Notice:

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the performance of 3M™ Nomad™ Entrance Matting System products, including the type and preparation of the surface, and the conditions of use. User is solely responsible for evaluating the product and determining whether it is fit for user's particular purpose and adequately maintained.

Warranty, Limited Remedy and Disclaimer: 3M warrants that its 3M™ Nomad™ Entrance Matting System products, if used as recommended, will be free from defects in material and manufacture for the period of six months from the date of purchase from 3M or 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M™ Nomad™ Entrance Matting System product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. This warranty does not cover product failure arising out of product abuse or misuse, or the failure to properly install or maintain the product.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from its 3M™ Nomad™ Entrance Matting System products, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



Commercial
Solutions Division
St. Paul, MN 55144-1000
1-800-852-9722
www.3M.com/floorsafety

3M and Nomad are trademarks of 3M Company. ANSI is a registered trademark of American National Standards Institute, Inc. NFSI logo is a registered trademark of National Floor Safety Institute.
Used under license in Canada.

© 3M 2014. All rights reserved. ID:82220