



Technical Data/Product Specification

3M™ Nomad™ Basic Entry Unbacked Scraper Matting 2500

1.0 Production Description

The product is an unbacked, non-woven, open and porous floor matting made from continuous vinyl filaments bonded together. The open mesh structure removes dirt and water from shoe soles and helps prevent dirt from being tracked into a building.

2.0 Intended Use

For use in entryways as well as transition areas inside of buildings. Not recommended for use in kitchens or in areas that are constantly exposed to grease and oil.

3.0 Standard Size

4 ft (1.2 m) wide x 40 ft (12.2 m) long

4.0 Color

- Black

5.0 Requirements

Detailed Requirement:

Property	Typical Values
Weight (minimum) ASTM D-418-68 Sec. 9-16	4.5 lb/yd ² (2.4 kg/m ²)
Thickness (minimum) ASTM D-418-68 Sect. 35-1	0.47 inches (11.9 mm) [1]
Flammability	Pass
DOC FF 1-70	Class 1
NFPA 253	0.62 W/cm ²
ASTM E-648 (Flooring Radiant) Panel Test*	0.62 watts/cm ² (no ignition)
Chemical Resistance: [2]	
Water	Excellent [3]
1% Soap	Excellent
5% Acetic Acid	Excellent
5% Sodium Hydroxide	Excellent
50% Ethyl Alcohol	Good
Hydrocarbon Solvents [4]	Poor
Chlorinated Hydrocarbon	Poor
Solvents [5]	Poor
Gasoline	Poor
Cooking Oil [6]	Poor

*Recommended critical average radiant flux to be greater than 0.25 for residential and commercial use, greater than 0.5 for institutional applications. 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.

[1] Product may be compressed in package. Thickness is recovered by lofting.

[2] All tests 7 days @ 72°F, total product immersion

[3] Excellent – Slight effect on product, less than 1% weight loss.

Good – product stiffens or discolors somewhat, less than 3% weight loss.

Poor – product becomes unsuitable for use. The 3M™ Nomad™ Basic Entry Unbacked Scraper Matting 2500 should not be used where it will regularly contact these chemicals

[4] Odorless Mineral Spirits

[5] Methylene Chloride, Perchloroethylene, Chloroform

[6] Peanut Oil



6.0 Packaging and Marking

Packaging:

Rolls – one per carton

Marking: Each carton shall be marked with product name, size, color and manufacturer's trade name.

7.0 Weight and Cube per Case

Approximate

Size	Weight (lbs)	Cubic (feet)
4 ft x 40 ft	130 lb	9.5 cu ft

8.0 Usage, Cleaning and Maintenance

Unpacking Mat

1. Unroll the matting and allow the mat to reach room temperature minimum 72°F (22°C).
2. This will ensure that the matting is relaxed and not stretched. This must be done before any matting is trimmed or cut to fit an area.

Re-lofting Mat

1. To re-establish the loft, allow the mat to reach room temperature or a minimum 72°F (22°C).
2. Pass a hair dryer over the area that is to be re-lofted, with the hairdryer set at medium or high temperature and a distance of a minimum 4 inches to 8 inches (10.6 mm to 20.3 mm) away from the matting at all times during the process.

Daily Maintenance

1. Vacuum daily. Use an upright beater-brush dry vacuum adjusted to its most powerful setting. Move nozzle 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.

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 3M™ Nomad™ Basic Entry Unbacked Scraper Matting 2500 from the time 3M ships the product. 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, refund of the purchase price, or a discount off the cost of replacement matting pursuant to the following schedule. 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.



Building and Commercial Services Division

3M Center
St. Paul, MN 55144-1000
(800) 852-9722
www.3M.com/Matting

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