

Nomad™ Terra 8100 matting

Technical Data Sheet TD602

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Description :

Nomad™ Terra 8100 is an unbacked entrance matting material having an open structure of continuous coiled coarse vinyl filaments, bonded together to form an attractive flooring product.

It collects dirt, and prevents it from being tracked into a building.

Being unbacked it allows dirt to fall through the loops for easy cleaning.

It is oil resistant and suitable for heavy duty foot traffic, in both wet or dry conditions.

Product Positioning :

For use as an entrance matting (in recessed matwells, or free-standing applications), outside or inside. Also in factory areas or other areas exposed to oily contaminants and/or heavy traffic.

Typical traffic:

1500-5000 crossings a day

Service Temperature Range :

-23°C to +50°C

Special Features :

Good dirt removal and hiding ability

Durable

Easy to clean

Comfortable

Oil resistant

UV resistant

Attractive appearance

Colours :

Ebony Black, Slate Grey, Concrete Grey, Chestnut Brown, Dove Brown, Chocolate Brown, Silver Grey, Sea Grey, Navy Blue, Forest Green, Oxide Red

Sizes :

Pre-cut mats : 0.90 x 1.50 m *

1.20 x 1.80 m *

* = With 35 mm edging at short ends, (2 sides edged)

Rolls : 0.90 x 6 m

0.90 x 9 m

1.20 x 6 m

1.20 x 9 m

Note: For color / size availability, refer to the local price list or to local logistics.

Packaging and Marking :

-Mats and rolls : one per case

-Each case is marked with product name, size, colour, and 3M's trade name.

Installation & Cleaning

Instructions :

A leaflet with detailed instructions is included in each carton.

Accessories :

- 3M Matting Edging, High Profile
- 3M Matting Seaming Tape
- 3M Matting Accessory Adhesive
- 3M Recessed Well Underlay
- 3M Recessed Well Gripper Bar

Product disposal :

Post consumer waste can be disposed of in appropriate containers or/and be incinerated.

The European directive waste disposal code is 20-01-39 for plastic material. Refer to your local waste handling procedure for potential recycling.

Resistance to chemicals:

(All tests 7 days at 22° C, total product immersion)

Solution	Value ③
Water :	Excellent
10% Salt water :	Excellent
Chlorinated water :	Excellent
Tri-Sodium Phosphate:	Excellent
Acid Chrome Plating Solution :	Good
Lithographic Solution (3M-K-11) :	Excellent
5 % Detergent Solution :	Excellent
Glycerine :	Excellent
Peanut Oil :	Excellent
24 % Sulfuric Acid :	Excellent
10 % Hydrochloric Acid :	Excellent
25% Acetic acid	Good
Ethyl Alcohol :	Excellent
Sodium Hydroxide :	Excellent
Ammonium Persulfate :	Excellent
Nickel Sulfate :	Excellent
Ferric Chloride :	Excellent
Hexane :	Good
Methylene Chloride (paint remover)	Poor
Mineral spirits :	Good
Gasoline :	Good
Motor oil :	Excellent
Diesel Fuel	Good
Transmission fluid	Excellent

③ Excellent = slight effect on product, less than 1% weight loss

Good = product stiffens or discolours somewhat, less than 3% weight loss.

Poor = product becomes unsuitable for use.

Product Characteristics :

Property /Test method	Value
Thickness ① : ASTM D-418-68 :	16.0 mm
Weight ① : ASTM D-418-68	5.0 kg/m ²
Microbiological properties : ASTM G-21-96	Inhibiting to fungal growth
Flammability : • DOC FF 1-70 (pill test) • ASTM E-648 (radiant flux) • ASTM E662-95 (smoke density) • DIN4102-14 (Future ISO9239-1) • NFP 92506 • UNI 8457 & UNI 9174 (IT) :	Passes 0.76 watt/cm ² 470% B1 M3 Class 1
Electrical properties: • Dielectric strength : (ASTM D 149) • Volume resistivity : (ASTM D 257)	8.0 to 12.0 kV 3.2 x 10 ¹⁰ Ohms.cm
Electrostatic propensity (AATCC-134) Neolithe shoes -step -scuff	+1 kV +2.13 kV
Dimensional stability : ASTM D 418-68	Length & width may change up to +/- 4 %
Coefficient of friction : • BIA (GE) (ZH 1/571 & DIN 51130)	R11, V10

① Typical average values

② Test method : 0.70 kg/cm² for 24 hours

Origin of product : made in USA, in an ISO 9002 certified plant.

Source of supply: 3M France

B&CS European Laboratory, Eurotech Lab, 95250 Beauchamp, France

