



The Nomad™ Entrance Matting Range



The entrance in your building plays an important role

Dirt, grit and water tracked into a building on the soles of shoes, leave unsightly marks and stains. The result is hazardous in terms of potential slips, expensive in terms of significant cleaning regimes and unsightly not only in the entrance area but in the flooring areas beyond. An effective and attractive matting system, however, can assist in creating a more welcoming entrance area for visitors and staff. It can assist in slip reduction and plays a vital role in reducing facility maintenance costs. Whether considering new-build projects or refurbishment of existing sites, Nomad matting will help you develop a highly efficient entrance area without compromising on interior design. As a result, we aim to enhance and protect your building, reduce facility maintenance costs and improve your safety record.

Nomad™ matting from 3M: Proven over many years

Almost 30 years ago 3M scientists developed a product which would effectively protect building entrances from dirt. The first Nomad matting product with its revolutionary vinyl “coiled loops” was developed. Incorporating carpet fibre technology, 3M widely expanded its entrance matting range over the years, and today, thanks to constant innovation and expertise, a full line is available from aluminium framed matting to textile floor coverings.

As demand increases for new architectural design concepts, Nomad matting products are now available with an updated image and in contemporary colours. 3M, assisted by external design consultants, have developed the colours, finishes and patterns to ensure that the range complements surrounding fixtures and fittings.

Applications across Europe

Nomad matting has been used in a wide variety of applications across Europe, ranging from the UK high street to shopping centres in Germany, cinemas in Italy, and airports in Norway.

This brochure will introduce the Nomad range to you. Further information and consultancy advice are available on request.



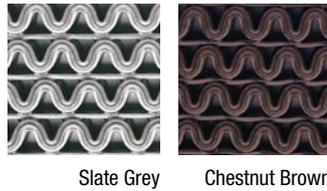
Nomad Terra matting range

Dirt and soil needs to be trapped as soon as possible, either outside the building or in the first few metres at the entrance.

The Nomad Terra matting range offers the ideal solution, scraping soil from shoes and removing initial moisture. Nomad Terra products can either be positioned outside, inside or in recessed wells and are available in a variety of styles for different traffic levels.

Terra products are constructed using durable material available in a full range of colours with an attractive matt finish. The Terra products offer:

- Excellent dirt removal and hiding properties
- Outstanding appearance retention
- Excellent durability
- Easy cleaning
- Easy installation



Slate Grey

Chestnut Brown

Nomad Terra 9100 matting

**Suitable for Extreme traffic volumes.
An unbacked, vinyl matting for use outdoors and/or in recessed wells.**



Open Z-web structure removes, traps and hides high amounts of soil.

High-tech product coating for added durability.

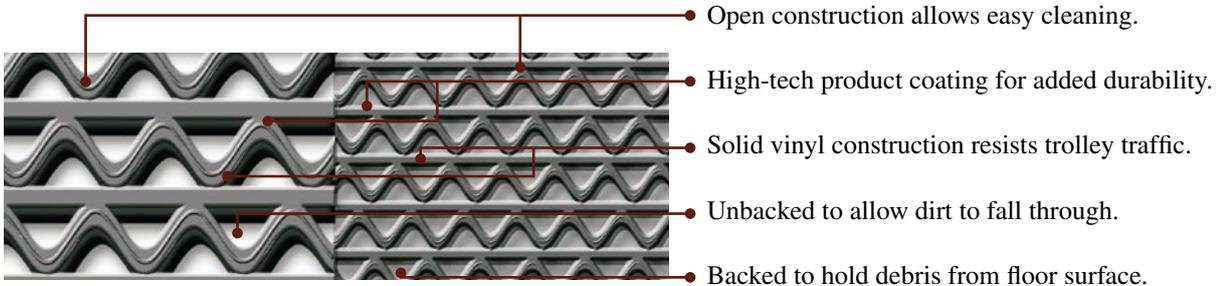
Solid construction resists trolley traffic.

Peaked surface offers increased slip resistance.

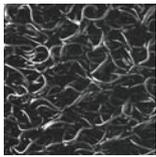
Easy to clean.

Available as free standing mats or in rolls.

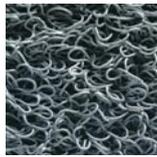
Product Features



Technical Data - Nomad Terra 9100	
Positioning	Outdoor and recessed well
Traffic (crossings a day)	> 5000
Construction	Z-web of continuous ribbons
Material	Vinyl
Backing	n/a
Total thickness, ASTM D-418-68	14.0mm
Total weight, ASTM D-418-68	8.9 Kg/sqm
Dimensional stability	Up to + / - 3%
Flammability * DIN 4102-14/EN ISO 9239-1	BS4790-87; low radius of char



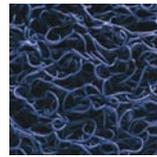
Ebony Black



Slate Grey



Chestnut Brown



Navy Blue



Forest Green



Oxide Red

Nomad Terra 8100 matting

Suitable for High traffic volumes.

An unbacked, vinyl matting ideal for use outdoors and/or in recessed wells.



Durable coiled web structure removes, traps and hides high amounts of soil.

High quality vinyl offering excellent crush resistance

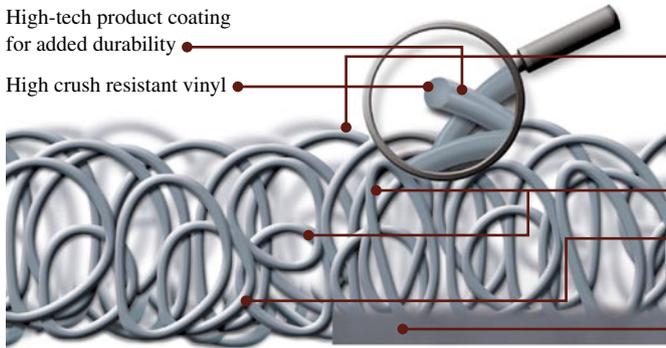
Unbacked open construction allows water to drain and soil to pass through, out of sight.

Easy to clean.

Available as free standing mats or in rolls.

High-tech product coating for added durability

High crush resistant vinyl



Product Features

Open web construction

Removes, traps and hides plenty of soil

Allows easy cleaning.

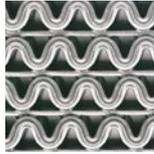
Flexible coils brush shoe soles.

Without backing for drainage in outdoor areas (8100 matting).

With vinyl backing to protect floors in indoor areas (8150 matting).

Technical Data - Nomad Terra 8100

Positioning	Outdoor and recessed well
Traffic (crossings a day)	1500 - 5000
Construction	Coiled web of continuous filaments
Material	Vinyl
Total thickness, ASTM D-418-68	16.0mm
Total weight, ASTM D-418-68	5.0 Kg/sqm
Flammability * DIN 4102-14/EN ISO 9239-1	B1*
Dimensional stability	Up to + / - 4%
Antistatic properties (ASTM D149)	8.0 kV
Anti slip properties BIA test (ZH 1/571 and DIN 51130)	R11



Slate Grey

Nomad Terra 6250 matting

Suitable for High traffic volumes. A backed vinyl matting for indoor application.

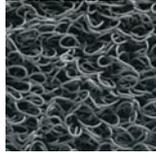
Open Z-web structure removes, traps and hides high amounts of soil.

Solid vinyl backing to protect floors from debris removed (Ideal for fresh produce areas, lifts, vending machines).

Easy to clean.

Available as free standing mats or in rolls.

Technical Data - Nomad Terra 6250	
Total thickness, ASTM D-418-68	6.0mm
Total weight, ASTM D-418-68	4.5 Kg/sqm
Dimensional stability	Up to + / - 3%
Flammability * DIN 4102-14/EN ISO 9239-1	BS4790-87; low radius of char



Slate Grey



Chestnut Brown

Nomad Terra 8150 matting

Suitable for High traffic volumes. A backed vinyl matting for indoor application.

Durable, open coil structure removes, traps and hides high amounts of soil.

Solid vinyl backing protects floor surfaces in indoor areas.

Easy to clean.

Available as free standing mats or in rolls.

Technical Data - Nomad Terra 8150	
Total thickness, ASTM D-418-68	11.0mm
Total weight, ASTM D-418-68	4.8 Kg/sqm
Dimensional stability	Up to + / - 4%
Flammability * DIN 4102-14/EN ISO 9239-1	B1*





Nomad Optima matting

In large commercial buildings with extreme traffic conditions, it is important to install a durable matting system which will remove and retain large amounts of dirt and moisture, while maintaining excellent appearance over time.

Nomad Optima 9900 aluminium frame matting offers an excellent combination of both dirt and water removal, without compromising on the aesthetics.

Unlike conventional aluminium systems, Nomad Optima matting contains high performance textile infills of Nomad Aqua 9500 matting. These offer excellent water absorption to complement the soil scraping action of the aluminium.

Available in 3 depths, Nomad Optima matting is suitable for all types of location and traffic whether pedestrians, trolleys or small vehicles.

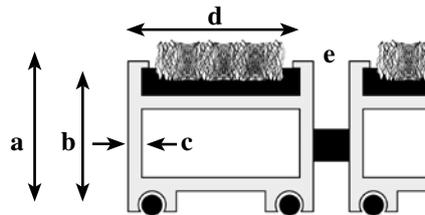


Nomad Optima 9900

Suitable for Extreme traffic volumes.
Durable aluminium frame matting for interior recessed well applications.

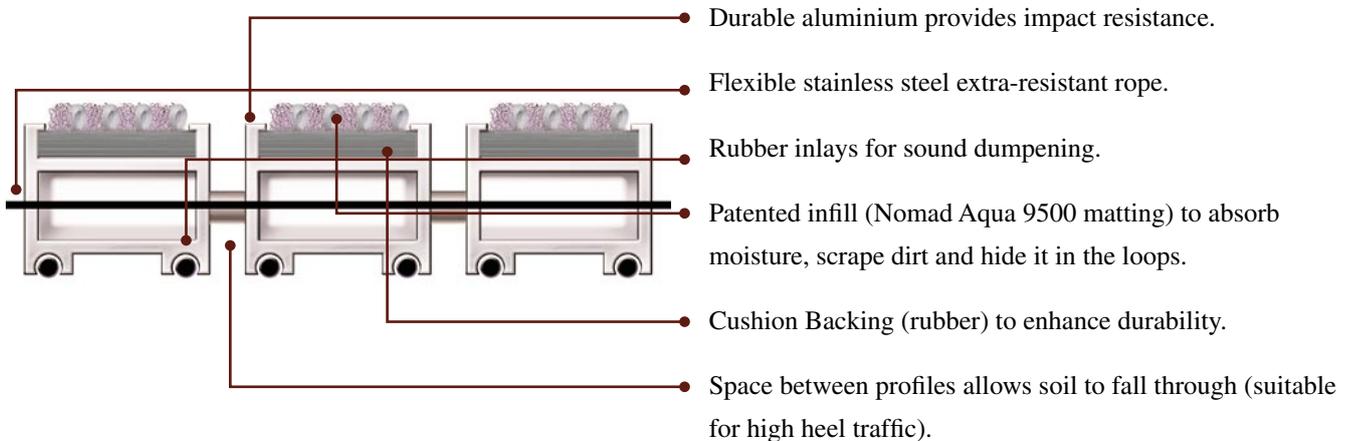


Aluminium profiles assembled with stainless steel rope to allow matting to be rolled back for cleaning.
 Contains Nomad Aqua 9500 matting infills.
 Rubber strips provide impact resistance and noise reduction.
 Easy to clean.
 Available cut to size.



	9920	9920	9920
Mat code	17-2	22-2	27-2
Total mat height (a) in mm	17	22	27
Alu profile height (b) in mm	12	17	22
Alu wall thickness (c) in mm	2	2	2
Alu profile width (d) in mm	27	27	27
Space between 2 profiles (e) in mm	5	5	5
Distance between 2 steel ropes	270	270	270
Weight	13.8	19.2	21.5

Product Features

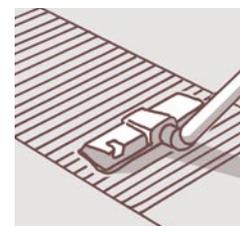
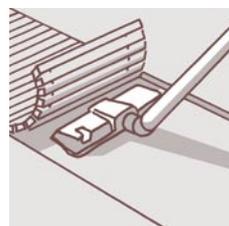


Technical Data - Nomad Optima	
Positioning	Recessed well
Traffic (crossings a day)	> 5000
Product construction	Aluminium panels assembled with steel ropes and equipped with 3M dual fibre textile infills
Panel construction	Durable aluminium with protective rubber strips inserted on the lower face for increased sound deadening and impact resistance
Size	Cut to size
Infill material	High performance dual fibre polyamide loop
UV resistance, ISO 105 B02	Class > 6
Flammability * DIN 4102-14/EN ISO 9239-1	Infills are B1
Anti slip properties BIA test (ZH 1/571 and DIN 51130)	R12
Traffic type	9920 - pedestrians, trolleys and small vehicles

Product Selection

Product	Traffic Type
17-2mm	Pedestrian and wheeled traffic
22-2mm	Pedestrian and heavy wheeled traffic
27-2mm	Pedestrian and heavy wheeled traffic

Please refer to 3M Technical Data sheet for further detail.
 Tel 01234 229496.





Slate Grey



Anthracite Black



Navy Blue



Nomad Optima 8800

Nomad Optima 8800 is presented in easy to install interlocking aluminium planks in two popular lengths of 1500mm and 2200mm.



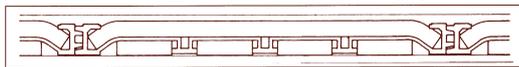
This flexible modular approach, with no templating requirement makes installation into square, oblong or irregular wells easy.

A modular approach means fast installation.

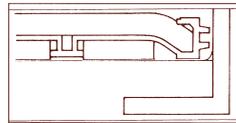
The product is available from stock in economical packs for minimum wastage.

No waiting for delivery of a templated mat.

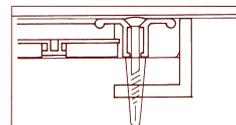
Standard flooring accessories such as edge trims and T bars can be used making the job neat and professional.



Profile of aluminium structure containing Nomad Aqua 8500 infills. Interlocking design holds matting firmly in place and prevents vertical movement.



Edge detail where matwell has been designed to accommodate a full number of sections.



Where necessary a T section is used to finish cut edges.

Technical Data - Nomad Optima 8800	
Positioning	Indoor
Traffic (crossings a day)	1500 - 5000
Pile material	Polymide
Pattern	Random
Pile thickness, ISO 1766	4.8mm
Pile weight, ISO 8543	0.770 Kg/sqm
UV resistance, ISO 105 B02	Class > 6
Dimensional stability, ISO 2551	+ / - 2%
Total depth	14mm to suit 14-16mm matwell
Total weight	12.0 Kg/m ²
Panel width	150mm (148.4mm when fitted)
Panel length	2200mm and 1500mm
Matwell frame	Available in 4 sizes, refer to 3M
T-Section length	3000mm
Cushioning strips	High density, closed cell PVC foam
Infill composition	Nylon 6-6 with PVC backing
Flammability	German standard B1, DIN 4102-14 and EN ISO 9239: Part 1
Anti slip properties BIA test (ZH 1/571 and DIN 51160)	R12

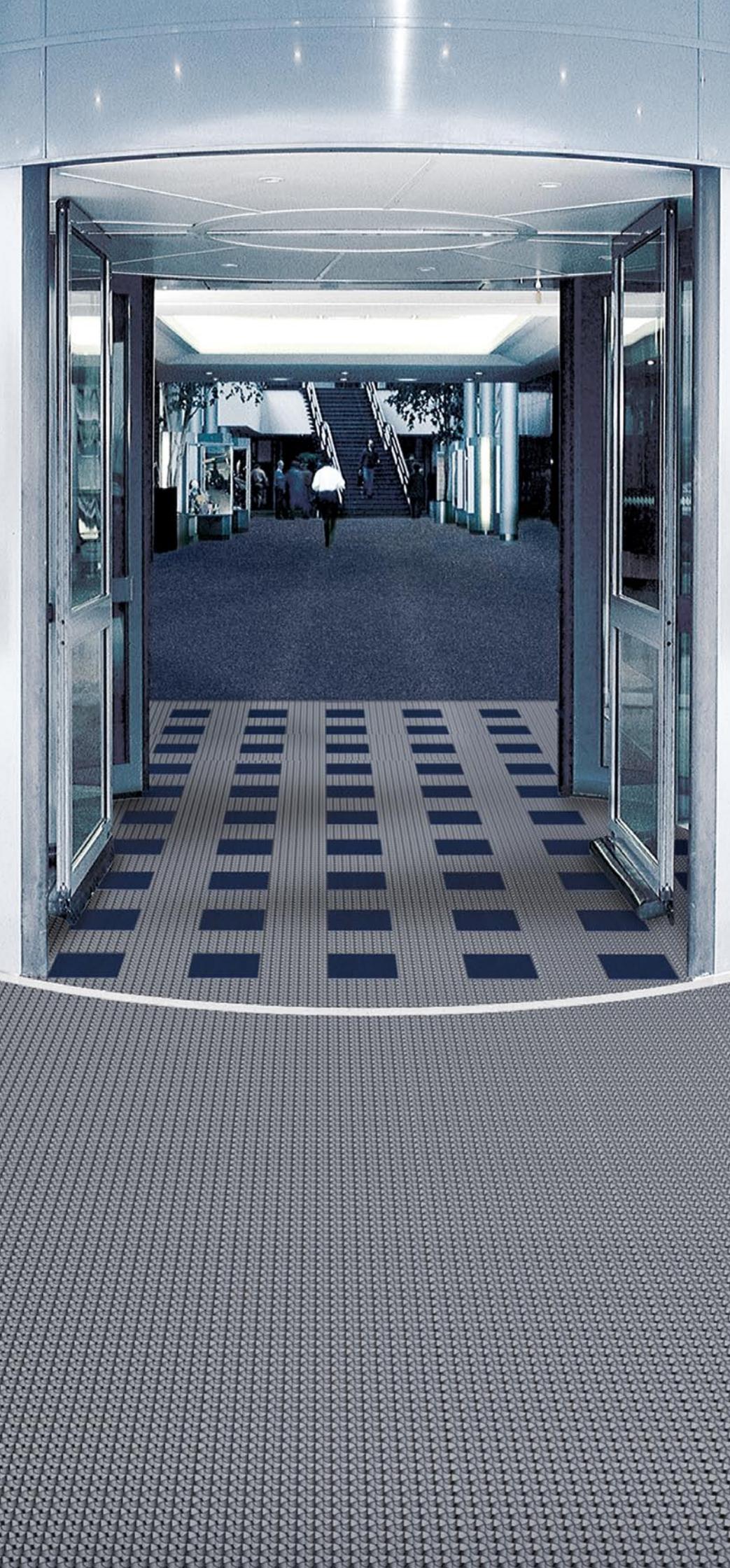
Nomad modular matting system

The new Nomad modular matting system combines high performance with flexible design options and easy on site installation.

The new Nomad modular matting system is made up of 2 tile versions. Each tile is 300x300mm square and 17mm deep incorporating a 2mm drainage foot on the bottom surface. The large open scraper profiles incorporate 'heel steps' to prevent heel trapping.

The Nomad 8900 Aqua Tile combines the scraper elements with a large central textile infill of Nomad Aqua 8500 dual fibre matting. This tile will scrape, remove and hold moisture.

The Nomad 8300 Terra Tile is designed solely for scraping. Its scraping surface with its unique triangular, multi angle scraping blades maximise soil removal. The large open pockets maximise soil capacity. The tiles simply clip together but are locked in place with the 'over centre' positive locking action to keep the tiles strongly connected.





Anthracite Black



Slate Grey



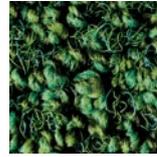
Oxide Red



Chestnut Brown



Navy Blue



Forest Green

Nomad modular matting system



The modular system allows combinations to meet your individual design requirements.

Possible combinations are:

Outside scraper Aqua 8300, inside mix version Aqua 8900.

Mixed version tile version with Aqua 8500 carpet in the centre panel surrounded by scraper tile.

2 different colours of mixed tile alternated.

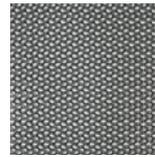
Patterns alternating colours with the mix version.

Designers could choose to have the product applied in diagonal rather than linear pattern.

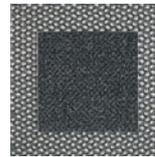
Mix version tiles can be concentrated on the areas where the traffic is more intense.

The available colours make it also possible to combine the mix version 8900 with and Aqua matting. Especially Aqua 9500 as wall-to-wall application would make a perfect fit.

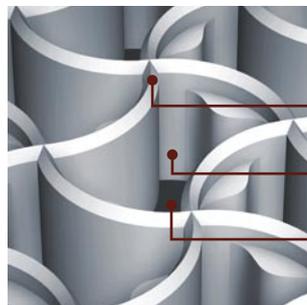
Technical Data - Nomad modular matting system	
Positioning	Scraper version 8300 - Outside/Inside Mix version 8900 - Inside
Traffic (crossings a day)	Up to 5000
Type of traffic recommended	Pedestrian/Trolleys
Material	Scraper version 8300 - Vinyl Mix version 8900 - Vinyl/Polyamide
Total weight scraper 8300	9.1 Kg/sqm
Total weight mix 8900	10.0 Kg/sqm
Total pile weight for textile pad on 8900 version: ISO 8543	770g/sqm
Effective pile weight for textile pad on 8900 version: ISO 8543	635g/sqm
Total thickness scraper 8300	17.5mm
Total thickness mix 8900	21.9mm
Pile thickness for textile pad on mix version 8900: ISO 1766	4.8mm
Tufts/sqm for textile pad on mix version 8900: ISO 1763	110,000
Flammability: EN ISO 9239-1	Scraper version 8300 - Dfl.s2 (Cfl.s 1 ongoing) Mix version 8900 - CFL.s 1
Dimensional stability (%)	-0.3
Coefficient of friction BIA ZH 1/571 and DIN 51130 (GE) - Anti slip properties	NA



3M™ Nomad™ modular matting 8300 scraper only slate grey.



3M™ Nomad™ modular matting 8900 mix version.



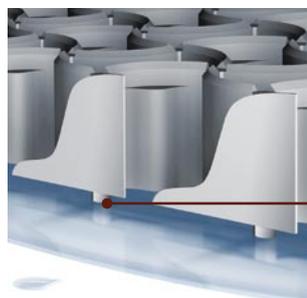
Product Features

Several angles to “attack” the dirt on the shoe sole.

Plenty of room for dirt particles to be stored.

Triangular shaped top for thorough scraping.

Good drainage due to the 2mm “feet” positioned everywhere below the mat.





Nomad Aqua matting range

Once inside the building, it is important to remove any remaining dirt and absorb moisture as quickly as possible. The matting used should complement the surroundings without compromising on performance.

The Nomad Aqua matting range offers a unique solution. Unlike conventional carpet style matting, the Aqua range incorporates a patented combination of coarse and fine fibres to remove dirt and moisture more effectively than conventional entrance carpet.

The product construction and style also assist in hiding unsightly dirt and water stains.

As a result, the Nomad Aqua products offer:

Superior fine dirt removal and retention;

- Superior water removal and retention;
- Excellent appearance retention;
- Excellent durability;
- Easy to clean;
- Simple installation - no fixing required;
- A range to suit all traffic volumes.



Anthracite Black



Slate Grey



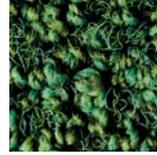
Oxide Red



Chestnut Brown



Navy Blue



Forest Green

Nomad Aqua 9500 matting

**Suitable for Extreme traffic volumes.
A fitted entrance flooring solution for indoor application.**



Patented 3M polyamide dual fibre technology with loop pile, arranged in a random pattern.

New generation, non-woven backing for fully fitted applications.

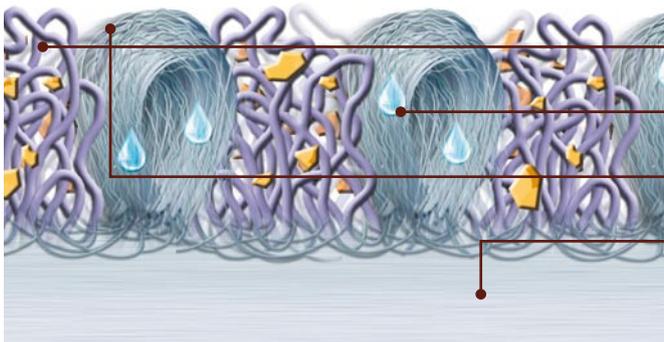
Excellent resistance to fire (see technical data).

Primary or second stage matting for extreme traffic conditions.

Random pattern provides excellent appearance.

Easy to clean.

Available in 2 and 4m width rolls.



Product Features

- Large fibres to remove dirt.
- Small fibres to absorb excess water.
- Loops arranged in a random pattern to hide more soil.
- Fleece Backing for:

Durability and resistance to extreme traffic

Enhanced fire and smoke resistance

Dimensional stability

Cushioning effect for comfort and sound deadening.

Technical Data - Nomad Aqua 9500	
Positioning	Indoor
Traffic (crossings a day)	> 5000
Construction	Tufted loop pile
Pile material	Polyamide
Pattern	Random
Total thickness, ISO 1765	10.0mm
Pile thickness, ISO 1766	4.8mm
Total weight, ISO 8543	0.770 Kg/sqm
Flammability * DIN 4102-14/EN ISO 9239-1	B1*
UV resistance, ISO 105 B02	Class > 6
Dimensional stability, ISO 2551	< - 0.9%
Antistatic properties, ISO 6356	1.1kV
Anti slip properties BIA test (ZH 1/571 and DIN 51130)	R12
Acoustic properties, EN ISO 717-2, EN ISO 11654	$\Delta L_w = 34$ dB $a_w = 25$



Anthracite Black



Slate Grey



Oxide Red



Chestnut Brown



Navy Blue



Forest Green



Luxury Red



Golden Brown

Nomad Aqua 8500 matting

Suitable for High traffic volumes.

Textile matting for indoor applications.

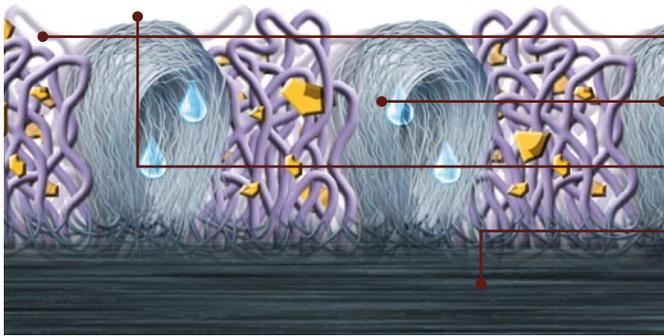
Dual fibre, loop pile arranged in an attractive random pattern.

Solid vinyl backing for free standing applications.

Excellent fire resistance (see technical data).

Easy to clean.

Available in mat or roll format.



Product Features

- Large fibres to remove dirt.
- Small fibres to absorb excess water.
- Loops arranged in a random pattern to hide more soil.
- Solid vinyl backing to protect floors from dirt and reduce mat environment.

Technical Data - Nomad Aqua 8500	
Positioning	Indoor
Traffic (crossings a day)	1500 - 5000
Construction	Tufted loop pile
Pile material	Polyamide
Pattern	Random
Backing	Vinyl
Total thickness, ISO 1765	8.0mm
Pile thickness, ISO 1766	4.8mm
Total weight, ISO 8543	3.7Kg/sqm
Pile weight, ISO 8543	0.770 Kg/sqm
Flammability * DIN 4102-14/EN ISO 9239-1	B1*
UV resistance, ISO 105 B02	Class > 6
Dimensional stability, ISO 2551	+ / - 2%
Anti slip properties BIA test (ZH 1/571 and DIN 51130)	R12



Anthracite Black



Slate Grey



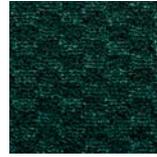
Oxide Red



Chestnut Brown



Navy Blue



Forest Green

Nomad Aqua 6500 matting

Suitable for Medium traffic volumes.

Textile matting for indoor applications.



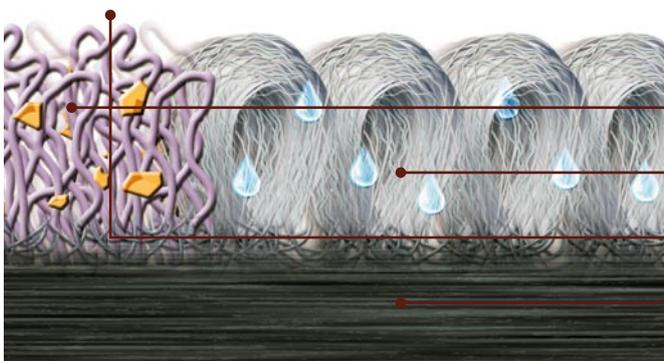
Polypropelene dual-fibre loop pile arranged in a checked pattern.

Solid vinyl backing for free standing applications.

Recommended as a second stage mat, under medium traffic conditions.

Easy to clean.

Available in mat or roll format.



Product Features

- Large fibres to remove dirt.
- Small fibres to absorb excess water.
- Arranged in a checked pattern.
- Solid vinyl backing to protect floors from dirt and reduce mat movement.

Technical Data - Nomad Aqua 6500

Positioning	Indoor
Traffic (crossings a day)	500 - 1500
Construction	Tufted loop pile
Pile material	Polypropelene
Pattern	Checked
Backing	Vinyl
Total thickness, ISO 1765	9.0mm
Pile thickness, ISO 1766	7.0mm
Total weight, ISO 8543	4.0 Kg/sqm
Pile weight, ISO 8543	0.830 Kg/sqm
Flammability * DIN 4102-14/EN ISO 9239-1	BS4790-97 Class Low/Med
UV resistance, ISO 105 B02	Class > 5
Dimensional stability, ISO 2551	+ / - 2%
Anti slip properties BIA test (ZH 1/571 and DIN 51130)	R12

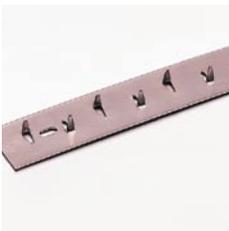
Accessories

Edging Profiles



2 sizes available. Medium profile edging (7.5mm) is recommended for Nomad™ Aqua matting and for Nomad Terra 6050 and 6250 matting. High profile edging (11mm) is recommended for Nomad Terra 9100, 8100 and 8150 matting.

Gripper Bars



Low profile stainless steel bar with protruding vertical spikes designed to hold Nomad Terra 8100 and 9100 matting in place and reduce movement or shrinkage in wells. For use in recessed wells, indoor or outdoor.

Seaming Tape



This allows mats to be easily joined together.

Adhesive



For use with Seaming Tape to join vinyl mats together to produce a custom-sized mat. Also used to apply edging to vinyl matting.

Maintenance and cleaning

Appropriate and regular mat maintenance will:

Extend the life of the mat, by reducing the abrasive effect of dirt on the fibres.

Increase effectiveness, by reducing the re-tracking of soil and water from the mat to the building.

Maintain appearance of the mat and surrounding flooring area.

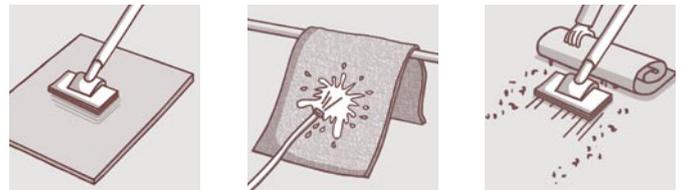
BS 7953:99 states *“It is of vital importance to the satisfactory performance of any entrance flooring system, that a thorough cleaning routine is carried out.”*

Entrance flooring systems selection, installation, maintenance BS7953:99 (Available from BSi).

Product Performance Life

If Nomad matting is correctly positioned for use and traffic and maintained according to 3M maintenance and cleaning procedures, the matting can be expected to offer a typical performance life of 5 years (except Nomad Terra 6050 and Nomad Aqua 4000 matting for which a typical performance life of 3 years can be expected).

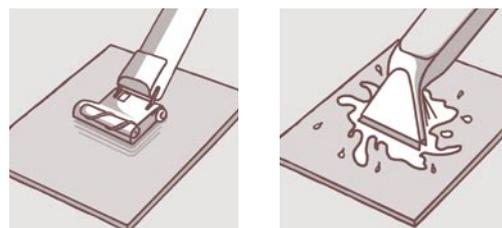
Nomad Terra matting



Daily maintenance with vacuum cleaner. Also easy to turn and shake to remove soil.

Weekly maintenance with water and standard detergent.

Nomad Aqua matting



Daily maintenance with vacuum cleaner and weekly maintenance with water and standard detergent.

Periodic in depth injection / extraction cleaning.



Rectorat
Créteil, France



Natwest Bank
United Kingdom



Oslo Airport
Norway



Cinema Cinecity
Treviso, Italy



Building and Commercial Services

3M United Kingdom PLC

Customer Service Centre
Hudson Road, Bedford
MK41 0HR
Tel: 01234 229496
Fax: 01234 229594
Email: commcareuk@mmm.com
www.3m.com/uk/flooring

3M Ireland

3M House, Adelphi Centre
Upper Georges St, Dun Laoghaire
Co. Dublin, Ireland
Tel: (01) 280 3555
Fax: (01) 280 3509
Email: commcareuk@mmm.com

Distributor Details:

Empty box for distributor details.