

3M Nomad™ Modular Matting 8300 & 8900

Technical Data Sheet TD642

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Description :

3M Nomad™ Modular mat is a mat composed of single modules having a square shape, and assembled together to form an entrance mat. Product is made of flexible vinyl material to withstand high traffic level. It is declined in two versions. The scraper version reference 8300 designed to remove dirt and gravels. The mix version reference 8900, contains a textile pad made of 3M Nomad™ Aqua 8500, patented combination of two types of polyamide yarns (small and large denier fibres) designed to remove both water and fine dirt. 3M Nomad™ Modular offers flexibility to get both versions assembled together depending type of entrance, customer wish, and level of dirt or/and water to remove.

Product Positioning :

Reference 8300 (scraper version):

Outdoor and indoor matting, in recessed well.

Reference 8900 (mix version):

Indoor matting only, in recessed well.

Both versions are designed for high traffic building entrances to stop dirt and water from shoes of incoming pedestrian traffic. Product must be installed into a recessed well. Tiles can be easily cut to meet well dimensions using preferably a jig-saw (see related procedure MSWP19 for installation).

-Typical traffic:

- 1500 to 5000 crossings a day.

-Service temperature range:

-20°C to +60°C.

Special Features :

Superior and unique aesthetic, design protected.

Good dirt and gravel removal for ref.8300

Good dirt and water removal for ref.8900.

Resistant to trolley traffic.

Easy to replace damaged parts.

Drainability feature: 2 mm feet underneath to allow water spread all over the surface and easier evaporation.

Fire resistant.

Color available :

Reference 8300 (scraper version):

Slate Grey.

Chestnut Brown available later.

Reference 8900 (mix version):

Color of vinyl: Slate Grey combined with following colors of textile:

- slate grey.
- anthracite black.
- oxide red.
- navy blue.
- forest green.
- chestnut brown.

(Chestnut brown color for vinyl available later).

Sizes :

Module is a tile, square shape, 300 x 300 mm without connectors, 17 mm thick, 5 connectors per edge.

Note: dimension may be subject to a small variation up to 1.5 mm less than indicated nominal size.

Packaging and Marking :

10 modules per box, equivalent to 0.9 square meter.

Installation and Cleaning Instructions :

See related procedures MSWP19 for installation and MSWP20 for cleaning.

Accessories :

Recessed well underlay 5 and 10 mm (refer to TDS 685).

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 ①
Neutral Cleaner	Excellent
Stripper	Excellent
Salt (10% in water)	Excellent

① 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.

NA: Not Available

Product Characteristics :

Property Test method	Value ①
Total weight scraper :	9.1 Kg/m ²
Total weight mix :	10.0 Kg/m ²
Total pile weight for textile pad on mix version: ISO 8543	770 g/sqm
Effective pile weight for textile pad on mix version: ISO 8543	635 g/sqm
Total thickness scraper:	17.5 mm
Total thickness mix:	21.9 mm
Pile thickness for textile pad on mix version: ISO 1766	4.8 mm
Tufts /sqm for textile pad on mix version: ISO 1763	110 000
Flammability : EN 13501-1 > ref.8300: > ref.8900:	D _{fl} -s2 (C _{fl} -s1 ongoing). C _{fl} -s1*.
Dimensional stability: (%)	-0.3
Coefficient of friction BIA ZH 1/571 & DIN 51130 (GE)	NA

① Typical average values.

* C_{fl}-s1 equivalent to German B1 and French M3.

NA: Not Available

Origin of product : made in EU.

Source of supply : 3M France

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