

MODULAR 9300 i 9900 with textile matting

3M Nomad™ Aqua 85

Technical data

Description:

MODULAR with textile matting 3M™ 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 9300 designed to remove dirt and gravels. The mix version reference 9900, contains a textile pad made of 3M Nomad™ Aqua 85, patented combination of two types of polyamide yarns (small and large denier fibres) designed to remove both water and fine dirt. Modular system 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:

Modular 9300:

Outdoor and indoor matting, in recessed well.

Modular 9900:

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 per day.
- Service temperatur range:
 - 20°C to +60°C.

For extreme condition (Nordic countries and Russia), a limited test run at laboratory showed that Modular could withstand T° down to -50°C.

Special features:

- Superior and unique aesthetic, design protected.
- Good dirt and gravel removal (type 9300).
- Good dirt and water removal (type 9900)
- Easy to replace damaged parts.
- Drainability feature: 2 mm feet underneath to allow water spread all over the surface and easier evaporation.
- Resistant to trolley traffic. It can also withstand exceptional heavy cart traffic (pallet transport for ie): up to 1 crossing (back and forth) per week with cart of 3 to 4 tons equipped with large and plain rubber wheel (min 18 cm wide). For more details and picture, refer to Tech Bulletin TB01

Color available:

Modular 9300:

Slate Grey

Modular 9900:

Color of vinyl: Gray, combined with the following colors of textile:

- anthracite

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..

Packing and marking:

22 modules in a box, approx. 2.0m².

Installation and cleaning:

See related procedures MSWP19 for installation and MSWP20 for cleaning

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
Neutral Cleaner	Excellent
Stripper	Excellent
Salt (10% in water)	Excellent
Oil	Good
Gasoline	Fair

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

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

Fair = product stiffens or discolors somewhat, more than 3% weight loss.

Poor = product becomes unsuitable for use. NA: Not Available

Product Characteristics:

Property Test method	Value
Total weight – type 9300:	9.1 Kg/m²
Total weight – type 9900 with 3M Nomad™ Aqua 85:	10.0 Kg/m²
Total pile weight for textile pad in the Modular 9900 with 3M Nomad™ Aqua 85: ISO 8543	770 g/m²
Effective pile weight for textile pad in the Modular 9900 with 3M Nomad™ Aqua 85: ISO 8543	635 g/m²
Total thickness – type 9300:	17.5 mm
Total thickness – type 9900 with 3M Nomad™ Aqua 85:	21.9 mm
Pile thickness for textile pad on the Modular 9900 with 3M Nomad™ Aqua 85: ISO 1766	4.8 mm
Tufts /sqm for textile pad on the Modular 9900 with 3M Nomad™ Aqua 85: ISO 1763	110 000
Dimensional stability (%)	0.3
UV resistance	Excellent
Fire resistance – type 9300:	Bfl-s1
Fire resistance – type 9900 with 3M Nomad™ Aqua 85:	Bfl-s1
Coefficient of friction BIA ZH 1/571 & DIN 51130 (GE)	R9, V10 / going to R11

Typical values.

Provider

Converter:

Perfo Sp. z o. o. Texconcept Sp. K.

Authorized 3M Company Distributor

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