POLYGUARD HEAVY

The Polyguard® of Verimpex, a perfect combination of the Topguard® and the Brossguard®.
A mat suitable for all entrances, even the ones that have to endure the most heavy traffic, thanks to the optimal balance between scraping and drying.

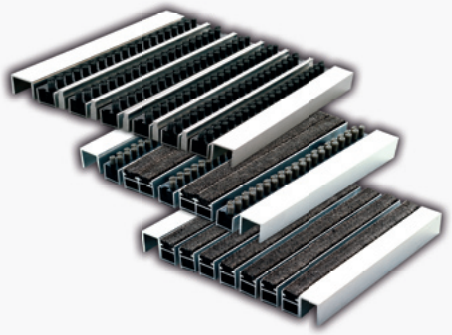
CHARACTERISTICS

- INDOOR USE
- OPEN
- MOISTURE REMOVAL
- MUD
- COARSE DIRT
- HIGH HEELS NOT WITH BRUSHES
- TROLLEYS NOT WITH BRUSHES
- DECORATIVE
- EASY MAINTENANCE
- ROLLABLE

COMPOSITION

The Polyguard®, a combination of the moisture-absorbing rubber strips of the Topguard® and the durable nylon brushes of the Brossguard®, with an additional aluminium scraping profile.
> The strips and profiles are kept in place by steel wires. The mat can be adjusted to any situation thanks to the many possibilities to combine the different components. Verimpex will be glad to design the perfect entrance mat for you.
The open, rollable construction allows easy removal of dirt.

CONSTRUCTION

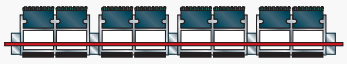


- The Polyguard® is available in single, double and mix construction.
- The Polyguard® can be executed with single or double strips. With double strips the mat has 30% more drying surface.
- An extra aluminium scraping profile is available for extra scraping motion, ideal if heavy material passes over the mat.

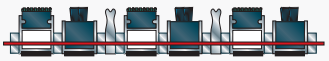
> single



> double



> mix



COLOURS

Brushes>



grey | brown | red | black | blue | green | terracotta | coco | anthracite

high traffic

Textile >



grey brown red black blue green coco

TECHNICAL DATA

properties of the materials

	Dry single	Dry double	Scrub
Shape			
Mat height	23 mm	23 mm	23 mm
Aluminium Profile* (B x H)	18 mm x 20 mm	36 mm x 20 mm	18 mm x 18 mm
Point load	1896 kg	3260 kg	1193 kg
Bending load	341 N/m	567 N/m	157 N/m

* profile with sound-demping bottom (adhesive PVC flexible 15/2)

	aluminium scraping profile	
Height		22 mm
Width (top)		3 mm
Point load		1550 kg
Bending load		324 N/m

rubber strips

All strips are new (no recycled material). The rubber strips consist of:

- 8 layers of textile consisting of polyester-polyethylene yarn
- 7 intermediate layers of SBR rubber with a thickness of 1,6 mm
- 2 outer layers of SBR rubber with a thickness of 0,5 mm
- total thickness of rubber sheet: 14,5 mm ± 0,5 mm

rubber sheet		drying textile	
Total thickness	14,5 mm	total thickness	1,15 mm
Mixture	SBR rubber	Weight	426 gr/m²
Hardness	71 shore A		
Density	1,23 T/m³		

brushes

PVC profiles: rigid PVC 15 x 15 mm, recycled material.
Brushes made of nylon 6,6: UV-stabilised.
Number of bristles per brush: 110 pieces.
Height of the brush: 8 mm.

steel wires

Diameter: 2 mm minimally.
Steel wire : stainless steel wire, type 316.
Spacing caps : round spacing caps made from soft anthracite coloured PVC with a diameter of 10 mm.

accessories

Clamps : galvanised steel wire 0,8 mm.
Nipples : 8x9 SCH GR72510-08.

approximate total weight (in kg/ m2)

	Dry single	Dry double	Scrub
Without scraper	19	21	23
With scraper	21	21	24

TESTS

All tests were carried out by the University of Ghent, textile department. A copy of the official test results is available upon request. Samples of materials subjected to the stringent wear test (Wronz test) are available for inspection at Verimpex, Brugge.

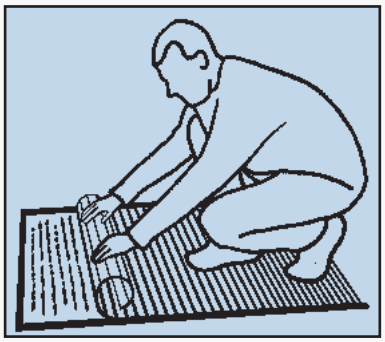
	in general	dry	Scrub		
Fire (in walking direction)	pr EN ISO 11925-2 pr EN ISO 9239-1	Class Cn	Class Bn		
Smoke	Classification according to Pe EN 13501-1 (2000)	S 1	S 1		
Light	ISO 105 B02 (1994)	Class 6-7 *	Class 7-8 *		
Wronz	Value 25.000				
Moisture absorption test	Report 02-785 A	Extra weight compared to dry state	wet	after 1 hour	after 24 hours
		Polyguard® Heavy Dry	192,41 gr/m²	148,52 gr/m²	7,41 gr/m²
		Polyguard® Heavy Scrub	557,22 gr/m²	513,89 gr/m²	100,18 gr/m²

* To the exception of pale and dark yellow, for which the result is class 3-4. Class 7-8 is the best result.

EXECUTION

installation

height	installation	well depth
23-25 mm	in a matwell	25 mm



production

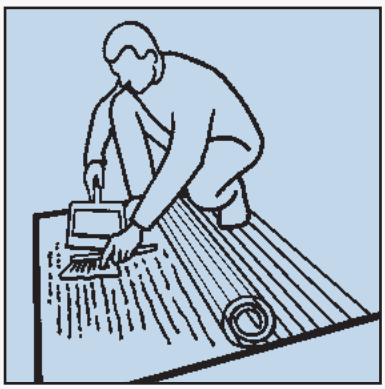
The mat is made to size in the factory. It is made in one piece, but in case of larger surfaces, it is advisable to divide this mat in several sections. When making the mat, the dimensions of the sections are determined by the weight of each section. The layout and the arrangement of the different sections are determined in consultation with the manufacturer. In case of broad surfaces, the sections are placed next to one another and separated by a reversed T-shaped profile. The width of the mats is determined on the basis of aesthetic considerations and required functionality.



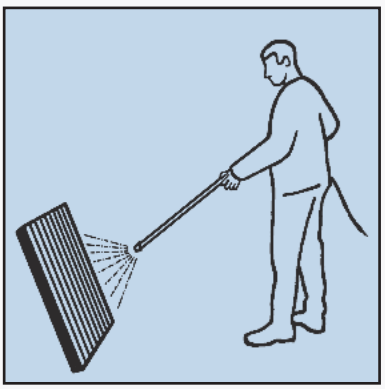


MAINTENANCE INSTRUCTIONS

Regular maintenance	• Remove the dirt from the matwell using a brush or a vacuum cleaner after having rolled up the mat. • Remove the dry dirt remaining on the mat by vacuuming in the direction of the profiles (not perpendicular to the direction of the profiles).
Periodic maintenance	• Roll up the mat and remove the dirt accumulated under the mat with a vacuum cleaner or with a dustpan and brush. • Coarse, sticky or wet dirt remaining on the mat is removed using a hard scrubbing brush in combination with water and a universal detergent.
Thorough maintenance	• The mat is removed from the matwell for thorough cleaning. • Vacuum the matwell and and the mat thoroughly. • Clean the mat with a high-pressure cleaner or with a hard scrubbing brush, in combination with water and a universal detergent.



Remove the dirt from under the mat using a dustpan and brush or a vacuum cleaner.



Clean the mat with a high-pressure cleaner, a garden hose or a hard scrubbing brush in combination with water and a universal detergent.

WARRANTY

5 years for structural defects in case of normale use is offered in accordance with the warranty conditions.

REFERENCES



> Schouwburg - Brugge



> Office - Everen

> Albion Hotel - Ieper