POLYGUARD LIGHT

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

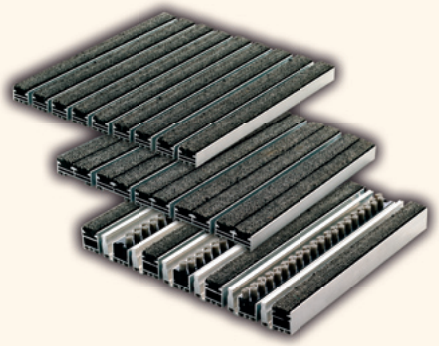
- INNDOOR USE
- OPEN
- MOISTURE REMOVAL
- MUD
- COARSE DIRT
- HIGH HEELS NOT WITH BRUSHES
- TROLLEYS NOT WITH BRUSHES
- DECORATIVE
- EASY MAINTENANCE
- ROLLABLE

high traffic

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 PVC connecting pieces. The mat can be ajusted 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. This mat is suitable for average traffic entrance areas.

CONSTRUCTION

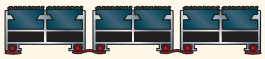


- The Polyguard® is available in single, double and mix construction.
- The Polyguard® can be executed with single or double strips. With double strips the mat has 30 % more drying surface.
- An extra aluminium scraping profile is available for extra scraping motion, ideal if heavy material passes over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

> single



> double



> mix



COLOURS

*only with discontinuous row of brushes

Brushes* >



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

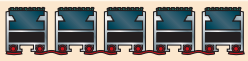
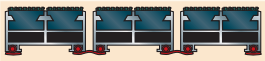
Textile >



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

TECHNICAL DATA

properties of the materials

	Dry single	Dry double	Scrub (continuous brushes)	Scrub (discontinuous brushes)
18 mm version				
Shape				
Mat height	18 mm	18 mm	18 mm	
Aluminium profile	18 mm wide x 15 mm high	35 mm wide x 15 mm high	7 mm wide (on top) x 14 mm high	
Point load	1493 kg	2478 kg	1031 kg	
Bending load	136 N/m	198 N/m	96 N/m	
25 mm Version				
Mat height	25 mm	25 mm	25 mm	
Aluminium profile	18 mm wide x 20 mm high	35 mm wide x 20 mm high	7 mm wide (on top) x 14 mm high	18 mm wide x 16 mm high
Point load	1685 kg	2631 kg	1031 kg	1237 kg
Bending load	27 N/m	419 N/m	96 N/m	133 N/m

	aluminium scraping profile	
18 mm version		
Height		18 mm
Width (on top)		5 mm
Point load		1550 kg
Bending load		324 N/m
22 mm version		
Height		22 mm
Width (top)		5 mm
Point load		1934 kg
Bending load		324 N/m

rubber strips

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

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

rubber sheet		drying textile	
Total thickness	14,5 mm	warp	109 thr/dm of polyethylene
Mixture	SBR rubber	weft	43 tr/ dm of polyester
Hardness	71 shore A	Total thickness	1,15 mm
Density	1,23 T/m³	Weight	426 gr/m²

brushes

Brushes made of nylon 6,6: UV-stabilised

PVC profiles: rigid PVC 12 x 14,5 mm, recycled material (mat height 24 mm)

Height of the brush: ± 8 mm: discontinuous brushes: 7 mm (mat height 25mm)

continuous brushes: 5 mm (mat height 18 mm) or 10 mm (mat height 25 mm)

PVC connecting pieces

Black rigid PVC : black-crack resistant GST66901 PE LD.

accessories

Socket head screws : stainless steel DIN916A2 M4x8.
Clamps : galvanised steel wire 0,8 mm.

approximate total weight (in kg/ m2)

	Dry single	Dry double	Scrub
ohne Kratzer	19	20	24
mit Kratzer	23	21	26

TESTS

UNIVERSITEIT GENT

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.

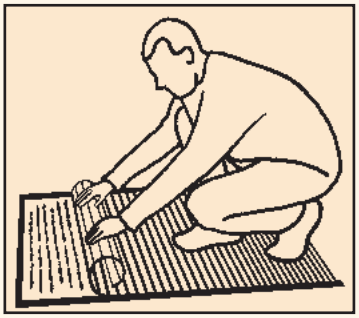
	in general	Dry	Scrub		
Fire	pr EN ISO 11925-2 pr EN ISO 9239-1	Class Dn	Class Bn		
Smoke	Classification according to Pe EN 13501-1 (2000)	S 1	S 1		
Colourfatsness	ISO 105 B02 (1994)	Class 6-7 *	Class 7-8 *		
Wronz	Value 25.000				
Moisture absorption test	Report 02-785 A	Extra weight compared to dry state	wet	after 1 hour	after 24 hours
		Polyguard® Light Dry	286,30 gr/m²	207,59 gr/m²	6,11 gr/m²

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

EXECUTION

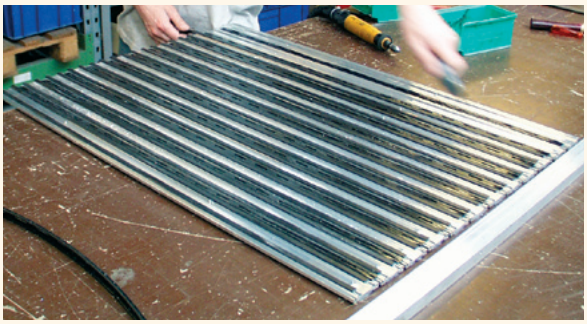
installation

height	installation	well depth
18 mm	in einem Mattenkasten	20 mm
25 mm	in einem Mattenkasten	25 mm



production

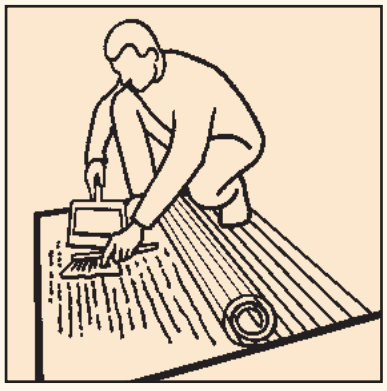
The mat is made to size in the factory. It is made in different sections, each with a stride length of 35 cm to 65 cm maximally. The different sections are placed together to obtain the required size of the mat. The layout and the arrangement of the different sections are determined in consultation with 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.



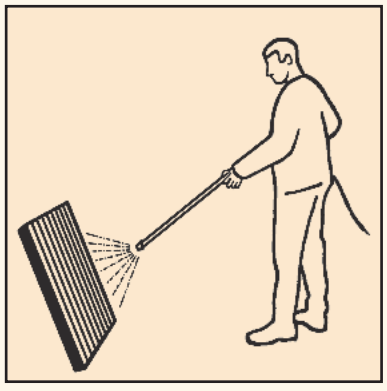


MAINTENANCE INSTRUCTIONS

Regular maintenance	• Remove the 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 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. Let the mat dry during a few hours before placing it back in the mat well.



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. Let dry completely.

WARRANTY

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

REFERENCES



> Garage - Aalter



> Office - Everen

> Deloitte & Touche