

TECHNICAL SHEET

Economat® Heavy

18 & 22 mm

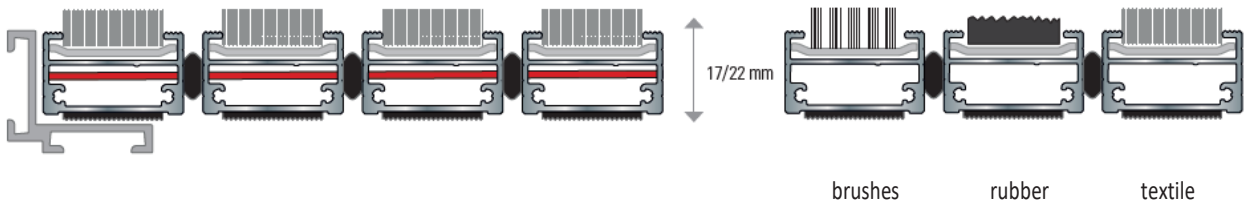
*Functionality and budget
in balance*



DESCRIPTION

This rollable entrance mat consists of aluminium profiles that can be combined with brush and/or scraping profiles. The profiles are separated through black rubber spacing caps of 4 mm and are connected through a stainless steel wire of 2 mm diameter. On the bottom, the profiles are provided with a sound-absorbing and anti-slip rubber strip.

Depending on the chosen inserts and the possible combinations with continuous double brush or scraping profiles, the function of the entrance mat is to scrape, dry or a combination of both. The open structure ensures a better absorption of dirt and moisture and makes it easier to roll up the mat.



APPLICATION

For inside use, the needle felt insert offers the ideal solution to prevent dirt and humidity from entering your home or building. The dry insert ensures a better drying function. The version in rubber and/or triplebrush is perfectly suitable for outside use and offers a scraping effect. Appropriate for low to moderate traffic.

Traffic 2.000+ passages daily

Locations Home, shop or office

PRODUCTION

The mat is made to size and in one piece depending on the length of the walking direction. Depending on the weight, the mat can be divided without any aesthetic consequences. In case the width exceeds 3 meters, the sections are installed next to one other, separated by an inverted T-bar. The required function and surroundings are relevant for the design and division of the mat.

Warranty 2 years

Personalisation Logo strip in stainless steel is possible.

INSTALLATION

The height of the mat is 18 or 22 mm and is installed in an even matwell of respectively 20 or 25 mm. The corresponding built-in frame is made of anodised aluminium or brass. If the mat has to be installed on the floor, an anodised aluminium ramping profile is possible. Taking into consideration the influence of the used materials, we do not recommend to install underfloor heating under the matwell.

MATERIAL CHARACTERISTICS

Profiles	
Material	aluminium (min 78% recycled)
Sizes	30 width & 14 or 17 mm height

Spacing caps	
Material	soft PVC
Form	round
Diameter	10 mm
Length	4 mm

Steel wire	
Material	stainless steel, type 316
Diameter	min. 2 mm
Cramps	galvanised steel wire 0,8 mm
Nipples	8x9 SCH GR72510-08

Brushes	
Material	nylon 6,6, UV stabilised
Density	± 600.000 hard nylon threads/m ²
Number	60 threads per brush bundle
Height	8 mm
Colours	grey, brown, red, black, blue, green, coconut, anthracite
Brush profile	square profile made of hard PVC (anthracite) provided with a double row of parallel brushes

Inserts	
Height textile	5 mm
Width textile	25 mm
Width textile base	27 mm
Material dry insert	dry 100% polyamide pile structure: velour tuft density: approximately 71.500 piles/m ² Colours: <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 5px;"> granito brown black </div>
Material dry insert	needle felt 100% polypropylene pile structure: ribs Colours: <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 5px;"> beige anthracite grey </div>
Material rubber insert	shrink-free EPDM shore hardness 80 to 90
Material triplebrush insert	PVC and brushes

MAT CHARACTERISTICS

The total height of the mat is 18 or 22 mm. The steel wires run through and hence connect the profiles. The distance between the tension cables is max. 38 cm. The Economat Heavy with needle felt, dry, rubber or triplebrush inserts weighs respectively approximately 15 and 16 kg/m² for the heights 18 and 22 mm. In combination with brush and/or scraping profiles, the weight is approximately 19 kg/m².

TESTS

In collaboration with Ghent University

Fire test

In accordance with EN ISO 11925-2 and EN ISO 9239-1 (2012), the mat is conform to the following classes:
rubber: Bfl – needle felt: Dfl (impregnated: Cfl) - dry: Bfl – triplebrush: Cfl

Smoke test

The mat is conform to the following classes:
rubber: S1 – needle felt: S2 (impregnated: S1) - dry: S1 – triplebrush: S2

Static load test

The mat withstands a pressure of 8,7 kg per 100 cm². See testing report 10700202 WTCM C* 7-2511,01 (2007).. There is no restriction for the load created by normal passages, shopping carts and wheelchairs. For heavy traffic, Verimpex recommends to always use a security plate and to avoid all circular movements.

Fire and smoke tests have been performed following the classification EN13501-1 (2007+A1:2009). The products are neither impregnated nor coated; it always concerns sustainable characteristics of the used materials.

ECOLOGICAL FOOTPRINT

Verimpex intends to reduce its ecological footprint for each of its products. For that reason, all products are manufactured in line with 100% renewable energy and local materials.

All materials used for the production of this mat are recyclable and can receive another life at Verimpex. For more details, please consult our website.

Verimpex Matting reserves the right to make adjustments to the products without prior communication.

