

TECHNICAL SHEET

Economat[®]Light

12, 18 & 22 mm

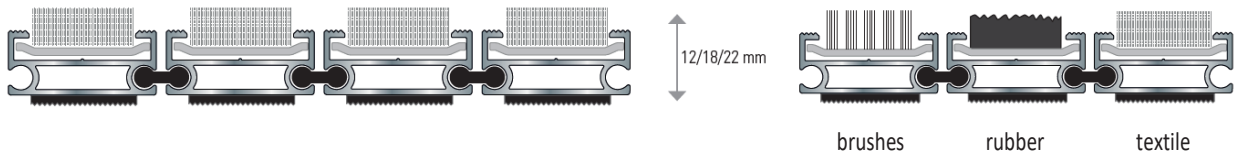
*Functionality and budget
in balance*



DESCRIPTION



This rollable entrance mat consists of aluminium profiles containing dry, needle felt, rubber or triplebrush inserts. Flexible PVC strips connect the profiles to one another. At regular intervals, the PVC strips are perforated to evacuate dirt. A rubber strip on the bottom of the profiles has a sound absorbing function. Depending on the chosen inserts, 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 1.000+ passages daily

Locations Home, shop or office

PRODUCTION

The mat is made to size and in one piece depending on the length in 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

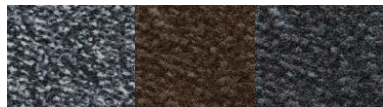

INSTALLATION

The height of the mat is 12, 18 or 22 mm and is installed in an even matwell of respectively 15, 20 or 25 mm. The corresponding built-in frame is made of anodised aluminium or brass (the latter is only available in 20 and 25 mm). 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 or 41 mm (only for mat height 12 mm) width & 10, 15 or 19 mm height |

| PVC connection strips | |
|-----------------------|--------------------------------------|
| Black hard PVC | black crack resistant GST66901 PE LD |

| Inserts | |
|-----------------------------|--|
| Height textile | 5 mm |
| Width textile | 25 mm |
| Width textile base | 27 mm |
| Material dry insert | <p>dry 100% polyamide pile structure: velours tuft density: approximately 71.500 piles/m² Colours:</p>  <p>granito brown black</p> |
| Material dry insert | <p>needle felt 100% polypropylene pile structure: ribs Colours:</p>  <p>beige anthracite grey</p> |
| 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 12, 18 or 22 mm (24 mm for the triplebrush inserts). A flexible PVC strip connects the aluminium profiles. The distance between the profiles is max. 4 mm. The Economat Light with dry, needle felt, rubber or triplebrush inserts weighs respectively approximately 11, 14 or 15 kg/m² for the three heights.

TESTS

In collaboration with Ghent University

Fire test

In accordance with EN ISO 11925-2 and EN ISO 9239-1 (2021), the mat is conform to the following classes:
rubber: Bfl – needle felt: Dfl (impregnated: Cfl) – dry: Bfl – tripelbrush: Cfl

Smoke test

Depending on the type of insert, the mat is conform to the following classes (2012):
rubber: S1 – needle felt: S2 (impregnated: S1) – dry: S1 – tripelbrush: S2

Static load test

There is no restriction for the load created by normal passages, shopping carts and wheelchairs. For heavy rolling 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.

