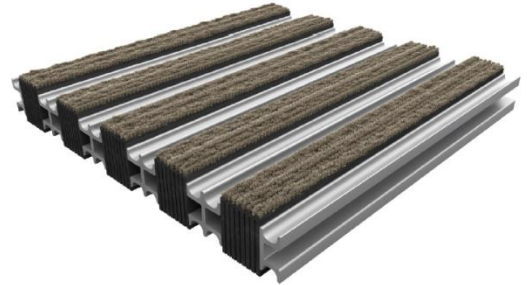


TECHNICAL SHEET

Econotire[®]

Height 18 mm

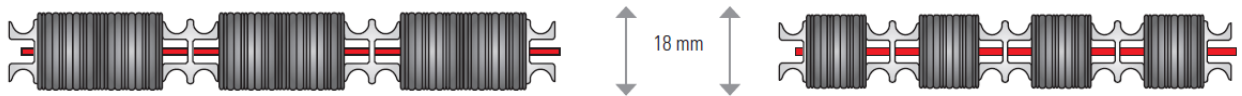
The sustainable solution for a limited budget



DESCRIPTION



This sectional entrance mat consists of rubber layers laced with continuous nylon fibres creating a soft drying surface on both the top and bottom of the mat. The mat has been uninterruptedly vulcanised, resulting in a rough surface with brown-grey colour shades. The drying strips are alternated with aluminium scraping profiles and are tightened through galvanized steel wires. At the extremities, the steel wires are clamped in edge profiles. Thanks to the identical appearance of both sides, the mat can be used double sided in case of symmetrical forms.



APPLICATION

The mat has been developed for indoor use or outdoor only if the mat is fully covered (without direct precipitation). Thanks to the closed construction, the Econotire is very appropriated for high traffic and rolling materials. For heavy rolling materials, we recommend the mat with double drying strips.

Traffic 2.500+ passages daily

Locations Private homes, shops or practices

PRODUCTION

The mat is made to size. In the walking direction, the Econotire consists of different sections of 35 cm up to 65 cm. Aesthetically, the different sections form a harmonious whole. In case the width exceeds 3 meters, the lay-out and splitting up of the mat are discussed with the customer. Consequently, the sections are installed next to one other, separated by an inverted T-bar. The required function and surroundings are relevant for the width of the mat. The Econotire is available in a closed or open structure (4 mm distance) with single or double rubber strips.

Warranty 2 years

Personalisation Logo strip in stainless steel is possible.

**Colour variation possible with different realisations.*

INSTALLATION

The height of the mat is 18 mm and is installed in an even matwell of 20 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	brut aluminium (min 78% recycled) anodised aluminium (25 microns) (min 78% recycled)
Sizes	15 mm height (mat height 18 mm)
Coefficient of linear thermal expansion	aluminium 0,0238 mm/m per °C (± 1 mm per 40 °C)

Steel wire	
Material	hard full cold galvanised
Thickness galvanisation	30 to 35 microns, 260 gm zinc/m ² wire
Diameter	min. 2 mm
Hardness	1180 to 1370 N/mm ²

Rubber strips	
Material	rubber layers with continuous layers of textile, min. 50% vulcanised massive rubber, recycled from airplane tyres
Composition drying textile	multiple textile layers of nylon fibres intermediate layers with rubber thickness 1,6 mm 2 outer layers with rubber thickness 0,5 mm
Thickness rubber sheet	14,5 mm (± 0,5 mm)
Height rubber strips	18 mm
Width rubber strips	15 mm
	<i>High temperatures in combination with moisture can result in a possible shrink of the mat.</i>

MAT CHARACTERISTICS

The total height of the mat is 18 mm. The steel wires run through and hence connect the profiles. The distance between the tension cables is max. 38 cm. The weight of the mat is:

	SINGLE 18 mm	DOUBLE 18 mm
Aluminium	16,7 kg	17,1 kg

TESTS

In collaboration with Ghent University

Fire test

The mat is conform to class Cfl in the walking direction, in accordance with EN ISO 11925-2 and EN ISO 9239-1 (2012).

Smoke test

The mat is conform to class S2 (2012).

Static load test

The mat withstands a pressure of 1000 kg per cm². See testing reports 03-601 and 03-601 bis. 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.

Verimpex uses old airplane tyres for all Econotire products. Hence, the materials used for the production of this mat are renewable when they return to Verimpex. For more details, please consult our website.

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

