

LCA

*2025-03 ver. 1
Self-declared*

StandUp ORIGINAL

770 x 530

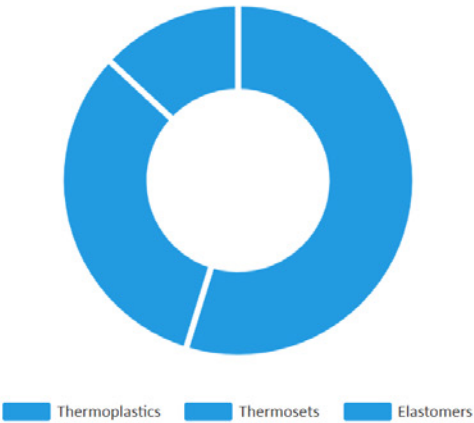


MATTING

Product: StandUp ORIGINAL 770 x 530 x 20 mm

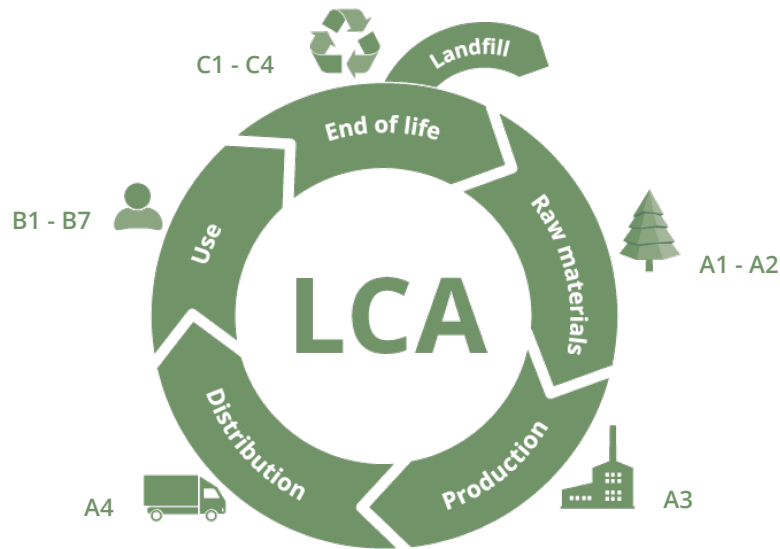


	Climate change (GWP 100) (kg CO ₂ -eq)
Raw materials	5.872
Supply	0.002
Manufacturing	1.232
Distribution	0.404
Use	0
End-of-life	3.034



	Materials allocation
Thermosets	0.514 kg
Thermoplastics	0.209 kg
Elastomers	0.876 kg
Net product weight (weighted sum of all components)	1.688 kg
Sum of the masses of the materials used	1.599 kg

Program: ECO Design Studio
Database: Base Impact 3.0



PRODUCT: StandUp ORIGINAL mat

StandUp ORIGINAL (77x53 cm) is an PVC-free ergonomic, high quality and relieving standing mat. A desk mat with a textile surface in recycled PET. The surface layer is durable, dirtresistant and easy to vacuum. Backing of polyurethane.

- Bevelled edge
- Eyelet for hanging
- Phthalate-free

ORIGINAL is a small and neat standing mat designed to work especially well with height-adjustable standing desks. With an extra thick and soft core, for good load ergonomics during standing work, it makes the mat both cushioning and relieving. With a stylish textile-like surface made from recycled PET. The carpet is ideal for standing tables in offices, receptions, shops and the home office.

Our ORIGINAL mats are made from recycled PET yarn, a process that reuses up to 16 PET bottles (0.5 litres) per square metre.

Guarantee

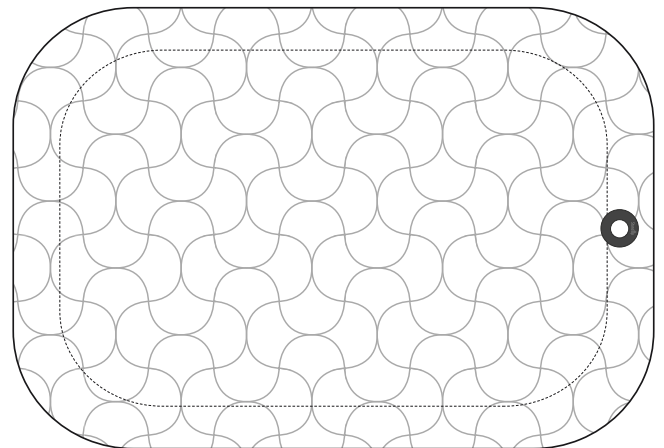
5 years.

Dangerous substances

The product contains no substances given by the REACH candidate list.

Return system

We have a customer return-system in place for this mat where the mat will be dismantled at the factory and return into energy in the production.



COMPANY INFORMATION

Matting AB is a family-owned niche company. Through our expertise, commitment and cutting-edge product development, we offer sustainable concepts and products for public spaces, workplaces and schools. Our concepts are developed in close co-operation with designers and experts, with a clear focus on sustainability and sustainable living.

Phases included in the LCA of StandUp ORIGINAL 77x53 cm (see markers)

	Product stage/ Manufacturing			Construction/ Assembly		Use							End of Life				Resource recovery stage
	A1 - raw mtrl	A2 - transport	A3 - production	A4 - transport	A5 - assembly	B1 - use	B2 - maintenance	B3 - repair	B4 - replacement	B5 - refurbishment	B6 - building operational during use of product use of energy	B7 - building operational use of water during use of product	C1 -Deconstruction	C2 - Transport	C3 - Waste processing	C4 - Disposal	D - Reuse-, Recovery-, Recycling-potential
Declared	X ¹	X	X ²	X	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	X ³	ND*
Region/ Origin	GLO	GLO	GLO	US, BE, SE												RER	

¹ Data is calculated on virgin material (worst case) except for Surface material PET. ² As there is no accurate category for the production process we've based it on worst case scenario and the value is therefore calculated higher than the real value. ³ Data is calculated on average scenario of Waste incineration RER of elastomer. *This phase is not declared in this LCA, however we have a customer return-system in place for this mat where the mat will be dismantled at the factory and return into energy.

Declaration of MATTING Life Cycle Analysis (LCA)

Matting's DNA is built on three focus areas. Design, sustainability and knowledge. All equally as important as they give us a holistic view on our products and a responsibility in our product process.

Matting uses *Life Cycle Analysis* as an important tool in our early design process and product development phase. This is so that we can make our decisions based on the most accurate data we can to achieve the greatest and most far-reaching effects for longevity and reduced climate impact in the product's journey from cradle to cradle.

The LCA is including the following phases:

Raw material and material (UPSTREAM) – Production – Assembly – Transport/Distribution – Use (DOWNSTREAM) - End of life

HOW WE MODEL OUR LCA

- The LCA is declared in **Eco Design Studio** by Altermaker.
- We use **Base Impact database** to invent, extract and calculate the data.
- In case of not finding the exact value (i.e material etc) we always aim to find the most similar.
- We always choose the worst case scenario/data if we cannot retrieve the exact value due to different reasons (i.e Government law restrictions in receiving data etc)
- Origin of material, energy source mix etc is declared.
- The usage phase of the product is modelled out of the guarantee date. When spare parts are available for the product we can provide comparison data.

THE LCA DECLARATION

We provide self declared LCA for several products. The CO₂-e data on products within MATTING can be compared to each other. It may be misleading to compare Matting products with products from other suppliers. The reason for this is due to that as of today there is no common standard for how to calculate an LCA. Therefore the rendering, calculation models used and different database can differ not giving a fair comparison. See the CO₂-e more as a guideline and the individual data as a map of the products impact on the ecosystem.

THIRD PARTY DUE DILIGENCE

- In some cases the LCA can be declared with a due diligence by a 3rd party. Matting uses Miljögraff to provide these independent auditing.
- We follow the FN Global goals, Guiding principles on Business and Human Rights 3P model. People, Planet and Profit.

In order to help our customers to get the full knowledge and insight in our products we aim to provide EPD (Environmental product declaration) continuously in the future. This is an ongoing process. Some of our products already have an EPD.