

PRODUCT ENVIRONMENTAL CARD

22.4.2025

Martela

Product ID

Sola

Universal chair with wooden legs

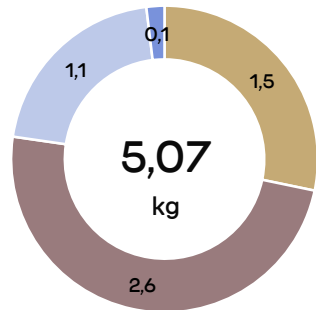
Product code: 4000019

Specifications:

Wooden 4- leg base
Wooden seat without upholstery
Without armrests
Recyclable package includes recycled materials when available (plastic, carton).

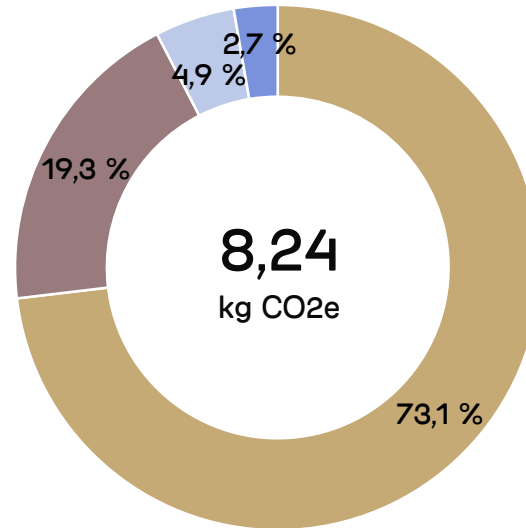


Material weight (kg)



- Metal (Steel)
- Wood (Form pressed or plywood)
- Wood (Particle board)
- Plastic (PP)

Material emissions (kg CO2e)



Designed with circular economy principles. Tested for safety and durability.

This product is durable and has been designed following circular design strategies. Its technical durability complies with EN standard. Proper care and maintenance should be used to extend the product's lifespan. When no longer in use by the first customer, the product can be remanufactured, refurbished, or recovered. Any leftover materials that cannot be reused can be recycled or recovered as energy.

Total emissions 11,51 kg CO2e



Materials
79,9 %



Logistics
17,1 %



Production
3,0 %

CO2 emissions calculations are provided to offer a quick overview and are based on the brand's own self-assessment.

Martela's internal calculations cover the product's lifecycle from cradle-to-grave. Material weight does not include packaging. Emissions related to Materials cover the extraction and disposal phases. Emissions related to Logistics and Production are estimated based on Martela's own facility emissions. Logistics includes the transport of materials to Martela's production facilities and the transportation of the final product to the first customer. Production includes material waste and energy usage in 2024. These calculations are based on EN 15804+A2 standard using coefficients from LCA.no calculation tool. The calculation tool uses mainly Ecolinvent 3.6 (2019) factors. More detailed calculations on selected products are available in EPD Norge portal in our official EPD documents.

PRODUCT ENVIRONMENTAL CARD

10.2.2025

Martela

Product ID

Sola
Universal chair
with four leg base

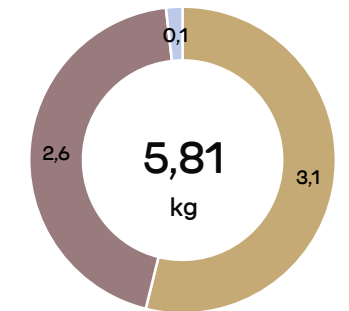
Product code: 4000019

Specifications:

Metal base
Wooden seat without upholstery
Without armrests
Recyclable package includes recycled materials when available (plastic, carton).

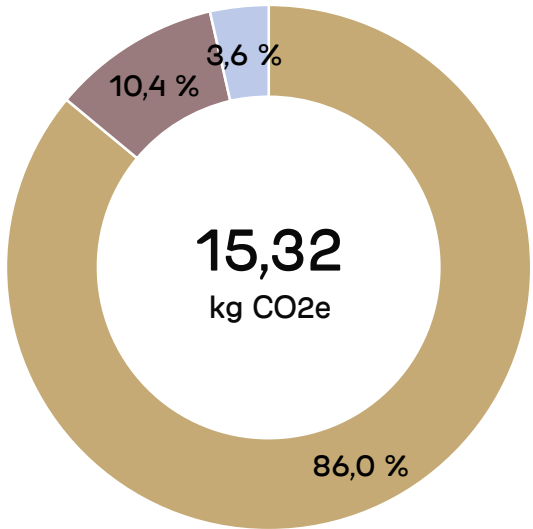


Material weight (kg)



- Metal (Steel)
- Wood (Form pressed or plywood)
- Plastic (PP)

Material emissions (kg CO2e)



Designed with circular economy principles. Tested for safety and durability.

This product is durable and has been designed following circular design strategies. Its technical durability complies with EN standard. Proper care and maintenance should be used to extend the product's lifespan. When no longer in use by the first customer, the product can be remanufactured, refurbished, or recovered. Any leftover materials that cannot be reused can be recycled or recovered as energy.

Total emissions 19,19 kg CO2e



Materials
86,3 %



Logistics
11,7 %



Production
2,0 %

CO2 emissions calculations are provided to offer a quick overview and are based on the brand's own self-assessment.

Martela's internal calculations cover the product's lifecycle from cradle-to-grave. Material weight does not include packaging. Emissions related to Materials cover the extraction and disposal phases. Emissions related to Logistics and Production are estimated based on Martela's own facility emissions. Logistics includes the transport of materials to Martela's production facilities and the transportation of the final product to the first customer. Production includes material waste and energy usage in 2024. These calculations are based on EN 15804+A2 standard using coefficients from LCA.no calculation tool. The calculation tool uses mainly Ecolinvent 3.6 (2019) factors. More detailed calculations on selected products are available in EPD Norge portal in our official EPD documents.

PRODUCT ENVIRONMENTAL CARD

31.3.2025

Martela

Product ID

Sola

Universal chair
with sled base

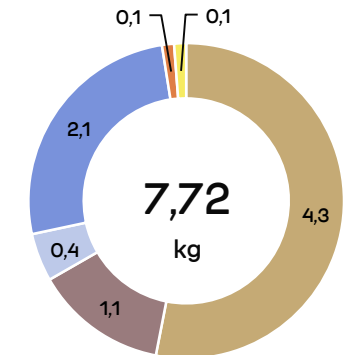
Product code: 4000019

Specifications:

Steel sled base with armrests
Fully upholstered seat and backrest
Fabric 98% recycled polyester
Recyclable package includes recycled
materials when available (plastic, carton).

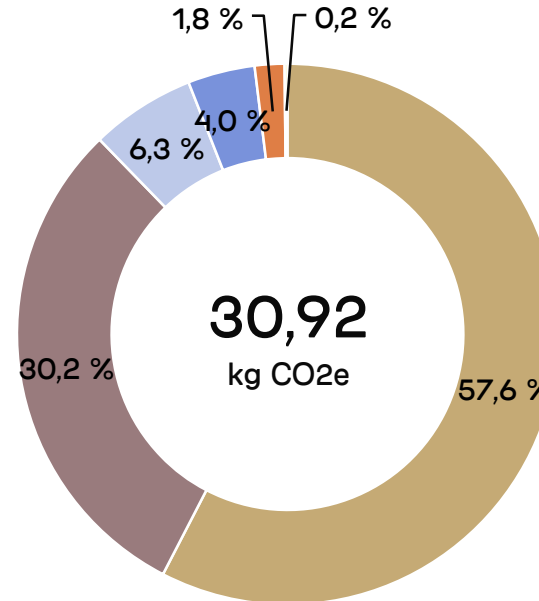


Material weight (kg)



- Metal (Steel)
- Foam (PUR soft)
- Fabric (PE 100% recycled)
- Wood (Form pressed or plywood)
- Plastic (PP)
- Fabric (Polyols 0% recycled)

Material emissions (kg CO2e)



Total emissions 35,51 kg CO2e



Materials
90,6 %



Logistics
8,0 %



Production
1,4 %

Designed with circular economy principles. Tested for safety and durability.

This product is durable and has been designed following circular design strategies. Its technical durability complies with EN standard. Proper care and maintenance should be used to extend the product's lifespan. When no longer in use by the first customer, the product can be remanufactured, refurbished, or recovered. Any leftover materials that cannot be reused can be recycled or recovered as energy.

CO2 emissions calculations are provided to offer a quick overview and are based on the brand's own self-assessment.

Martela's internal calculations cover the product's lifecycle from cradle-to-grave. Material weight does not include packaging. Emissions related to Materials cover the extraction and disposal phases. Emissions related to Logistics and Production are estimated based on Martela's own facility emissions. Logistics includes the transport of materials to Martela's production facilities and the transportation of the final product to the first customer. Production includes material waste and energy usage in 2024. These calculations are based on EN 15804+A2 standard using coefficients from LCA.no calculation tool. The calculation tool uses mainly Ecolnvent 3.6 (2019) factors. More detailed calculations on selected products are available in EPD Norge portal in our official EPD documents.

PRODUCT ENVIRONMENTAL CARD

22.4.2025

Martela

Product ID

Sola

Universal chair with four leg base and castors

Product code: 4000019

Specifications:

Four leg base with armrests and castors

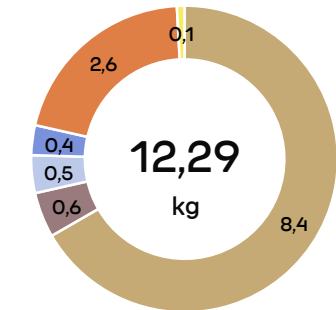
Fully upholstered seat and backrest

Fabric 98% recycled polyester

Recyclable package includes recycled materials when available (plastic, carton).

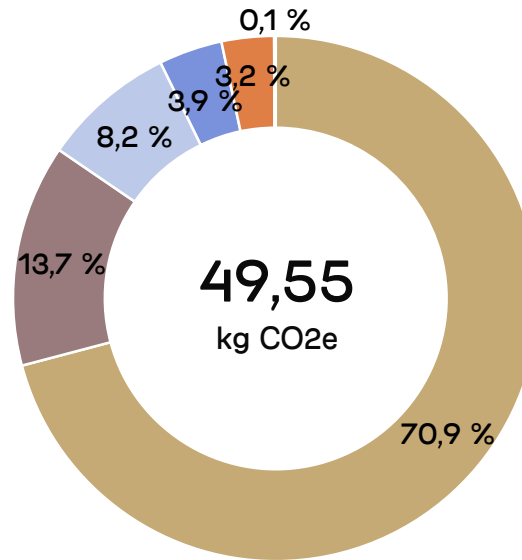


Material weight (kg)



- Metal (Steel)
- Plastic (PA)
- Foam (PUR soft)
- Fabric (PE 100% recycled)
- Wood (Form pressed or plywood)
- Fabric (Polyols 0% recycled)

Material emissions (kg CO2e)



Designed with circular economy principles. Tested for safety and durability.

This product is durable and has been designed following circular design strategies. Its technical durability complies with EN standard. Proper care and maintenance should be used to extend the product's lifespan. When no longer in use by the first customer, the product can be remanufactured, refurbished, or recovered. Any leftover materials that cannot be reused can be recycled or recovered as energy.

Total emissions 55,88 kg CO2e



Materials
90,9 %



Logistics
7,8 %



Production
1,3 %

CO2 emissions calculations are provided to offer a quick overview and are based on the brand's own self-assessment.

Martela's internal calculations cover the product's lifecycle from cradle-to-grave. Material weight does not include packaging. Emissions related to Materials cover the extraction and disposal phases. Emissions related to Logistics and Production are estimated based on Martela's own facility emissions. Logistics includes the transport of materials to Martela's production facilities and the transportation of the final product to the first customer. Production includes material waste and energy usage in 2024. These calculations are based on EN 15804+A2 standard using coefficients from LCA.no calculation tool. The calculation tool uses mainly Ecoinvent 3.6 (2019) factors. More detailed calculations on selected products are available in EPD Norge portal in our official EPD documents.

PRODUCT ENVIRONMENTAL CARD

22.4.2025

Martela

Product ID

Sola

Universal chair with five star base and height adjustment

Product code: 4000019

Specifications:

Five star base 100% recycled aluminium

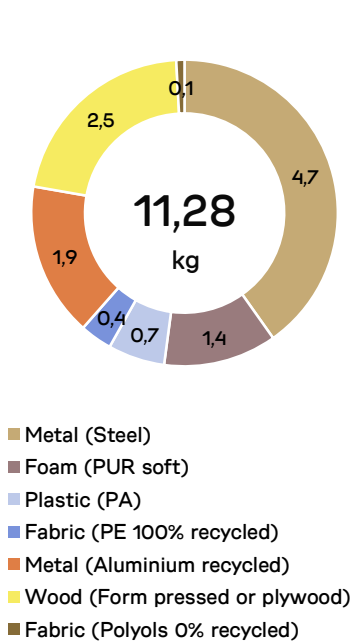
Fully upholstered seat and backrest

Fabric 98% recycled polyester

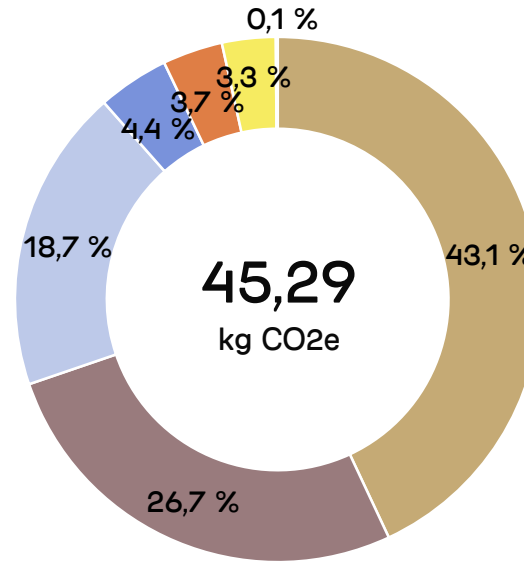
Recyclable package includes recycled materials when available (plastic, carton).



Material weight (kg)



Material emissions (kg CO2e)



Total emissions 51,53 kg CO2e



Materials
90,7 %



Logistics
7,9 %



Production
1,4 %

Designed with circular economy principles. Tested for safety and durability.

This product is durable and has been designed following circular design strategies. Its technical durability complies with EN standard. Proper care and maintenance should be used to extend the product's lifespan. When no longer in use by the first customer, the product can be remanufactured, refurbished, or recovered. Any leftover materials that cannot be reused can be recycled or recovered as energy.

CO2 emissions calculations are provided to offer a quick overview and are based on the brand's own self-assessment.

Martela's internal calculations cover the product's lifecycle from cradle-to-grave. Material weight does not include packaging. Emissions related to Materials cover the extraction and disposal phases. Emissions related to Logistics and Production are estimated based on Martela's own facility emissions. Logistics includes the transport of materials to Martela's production facilities and the transportation of the final product to the first customer. Production includes material waste and energy usage in 2024. These calculations are based on EN 15804+A2 standard using coefficients from LCA.no calculation tool. The calculation tool uses mainly Ecoinvent 3.6 (2019) factors. More detailed calculations on selected products are available in EPD Norge portal in our official EPD documents.