esPattio

TECHNICAL FEATURES

ALDEA

By Christophe Pillet




Seat and backrest:

These elements are made from foam covered with fibre and fabric.

The seat is made of a base foam with a density of 33 kg/m^3 Super Soft density and a 20 kg/m^3 Soft density padding foam.The backrest has a density of 23 kg/m^3 Extra soft. They sit on the shell, forming an angle of 108 degrees between them.

The seat and backrest are joined to the base shell using Velcro. The seat and backrest covers are removable.

Base shell:

The shell is made up of two fireproof wooden boards joined by a 0.8 mm thick galvanized steel sheet.

This shell is upholstered with 100 g fiber, over which the fabric is covered.

Structure:

Structure made up of a varnished oak frame.

This base is attached to the shell using 6 screws that are concealed within the shell's upholstery. The legs can have plastic or felt feet.

Tables:

The top is made of 16 mm thick varnished European oak. It is attached to the frame using metal plates and screws. The frame is made of varnished oak.

5-year warranty

►Warranty terms and conditions

Packaging

The sofas are delivered in individual boxes, which protect them during the transport. The cardboard used is 100% recyclable.

Maintenance and cleaning of products

Pattio provides recommendations to the user so that their products always look new and in excellent condition.
As a general rule, we recommend the use of environmentally friendly cleaning agents. Please follow the cleaning product manufacturer's instructions.

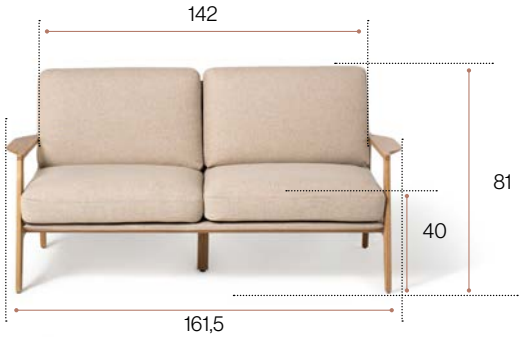
►Information

Dimensions

cm

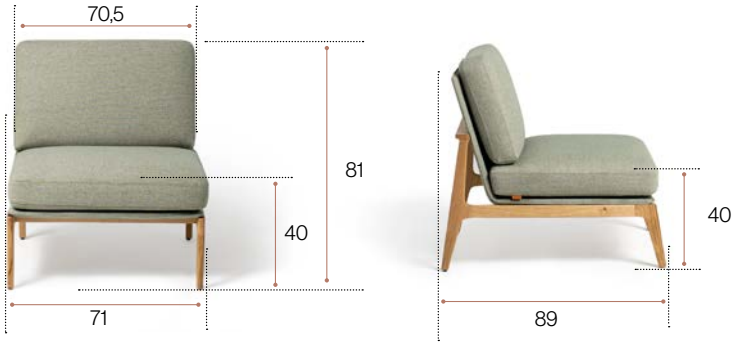
Armchair with arms

Sofa with arms

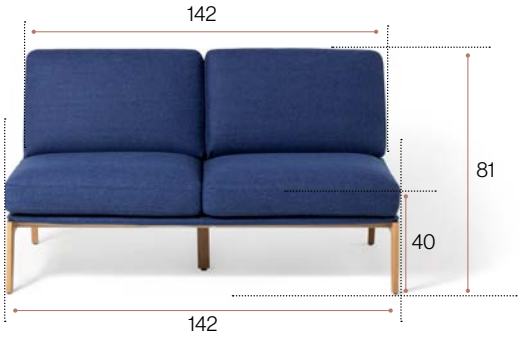


Ottoman

Armchair without arms



Sofa without arms



	kg			
Armchair with arms	22,71 kg	0,75 m³	1	2,6 m
Armchair without arms	20,85 kg	0,75 m³	1	2,6 m
Sofa with arms	26,9 kg	1,27 m³	1	5 m
Sofa without arms	25,5 kg	1,27 m³	1	5 m
Ottoman	8 kg	0,21 m³	1	1,5 m

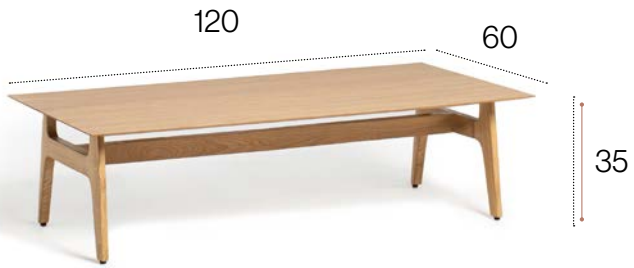
Dimensions

cm

Round table 60 Ø

Round table 80 Ø

Rectangular table 120x60



	kg		□
Round table 60 Ø	9 kg	0,15 m^3	1
Round table 80 Ø	11 kg	0,26 m^3	1
Rectangular table 120x60	13 kg	1,29 m^3	1

Life cycle analysis

PLDA2

Raw Materials	kg	%
Wood (Oak)	**7,12**	**31,15**
Particleboard (MDF)	**7,32**	**32,03**
Steel	**0,69**	**3,02**
Polyamide	**0,005**	**0,02**
Polypropylene	**0,13**	**0,55**
Polyurethane	**4,58**	**20,04**
Polyester	**0,24**	**1,07**
Cardboard	**2,71**	**11,86**
Polyethylene	**0,06**	**0,26**

% Recycled Mat.= 81,31%

% Recyclable Mat.= 33,57%

Ecodesign

Results reached during the life cycle stages

Materials

- Steel: 15%-99% recycled material.
- Wood: 70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.
- Plastic: 30%-40% recycled material.
- Powder painting without COV emissions.
- Staff material without HCFC and certified by Okotext.
- Upholsteries without COV emissions and certified by Okotext.
- Packings: 100% recyclable with inks with no solvents.

Production

- Raw materials use optimization. Board, upholstery and steel tubes cut.
- Renewable energies use, reducing the CO2 emissions (Photovoltaic pannels).
- Energy saving measures in all production process.
- COV global emission reduction of the production processes by 70%.
- Powder painting recovery of 93% of the non deposited painting.
- Glue removal from the upholstery.
- The facilities have an internal sewage for liquid waste.
- Green points at the factory.
- 100% waste recycling at production process ans dangerous waste special treatment.

Transport

- Cardboard use opmitization of the packings.
- Cardboard and packing materials use reduction.
- Flat packings and small bulks to optimize the space.
- Solid waste compacter which reduces transport and emissions.
- Light volumes and weights.
- Transport fleet renewal reducing by 28% the fuel consumption.
- Suppliers area reduction. Local market power and less pollution at transport.

Use

- Easy maintenance and cleaning without solvents.
- esPattio guarantee.
- The highest quality for materials to provide a 10 year average life of the product.
- Useful life optimization of the product due to a standarized and modular design.
- The boards with no E1 particle emission.

End life

- Easy unpacking for the recyclability or compound reuse.
- Piece standarization for the use.
- Recycled materials used for products (% recyclability):
- Aluminium is 100% recyclable. Steel is 100% recyclable. Wood is 100% recyclable. Plastics are from 70 to 100% recyclable.
- With no air or water pollution while removing waste.
- Returnable, recyclable and reusable packing.

Maintenance and cleaning guide

Lines for a correct cleaning and maintenance considering the different materials:

Fabrics

① Vacuum often.

② Rub the dirty spot with a wet cloth with PH neutral soap.
Test first on a hidden spot.

③ Dry foam for carpets can be alternativaly used.

Wooden - melamine - Lacquered (wood / polyethylene) pieces

① Rub the dirty spot with a wet cloth with PH neutral soap.
Test first on a hidden spot.

② Do not use abrasive products under any circumstances.