

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 2,06 lb/ft³ Super Soft density and a 1,25 lb/ft³ Soft density padding foam.

The backrest has a density of 1,43 lb/ft³ 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 0.04" inch thick galvanized steel sheet.

This shell is upholstered with 0,22 lbs 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.

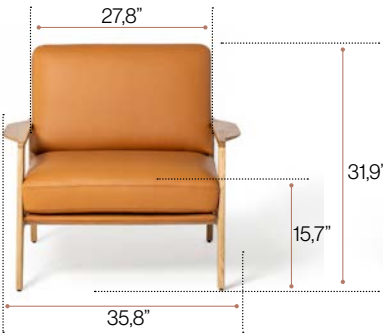
As a general rule, we recommend the use of environmentally friendly cleaning agents. Please follow the cleaning product manufacturer's instructions.

► [Information](#)

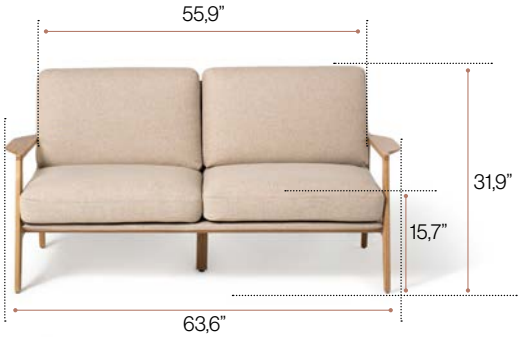
Dimensions

in

Armchair with arms



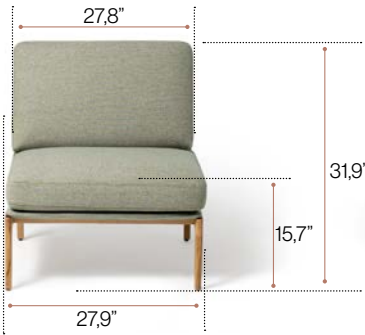
Sofa with arms



Ottoman



Armchair without arms



Sofa without arms



	lbs			
Armchair with arms	50,06 lbs	26,5 ft³	1	2,9 yd
Armchair without arms	45,96 lbs	26,5 ft³	1	2,9 yd
Sofa with arms	59,3 lbs	44,7 ft³	1	5,5 yd
Sofa without arms	56,2 lbs	44,7 ft³	1	5,5 yd
Ottoman	17,63 lbs	7,4 ft³	1	1,6 yd

Round table 60 Ø



Round table 80 Ø



Rectangular table 120x60



	lbs		
Round table 60 Ø	19,84 lbs	5,26 ft³	1
Round table 80 Ø	24,25 lbs	9,2 ft³	1
Rectangular table 120x60	28,66 lbs	10,3 ft³	1

Life cycle analysis



PLDA2

Raw Materials	lbs	%
Wood (Oak)	15.07	40.72
Particleboard (MDF)	16.14	24.09
Steel	1.52	9.53
Polyamide	0.01	9.53
Polypropylene	0.29	4.74
Polyurethane	10.10	3.98
Polyester	0.53	3.76
Cardboard	5.97	2.05
Polyethylene	0.13	1

% 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 and dangerous waste special treatment.

Transport

- Cardboard use optimization 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 standardized 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 alternatively 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.