esPattio

TECHNICAL FEATURES

MARINA

By Patrick Norguet

Chair, armchair and sofa

The metal structure is made up of 4 steel tube legs of Ø 22mm. The backrest is surrounded by a Ø18mm steel tube on the horizontal grill and a 3mm thick and 45mm wide steel plate. The internal structure or chassis is made up of a Ø11mm steel rod and folded steel plates for fixing to the main structure.
The finishes of this structure, with epoxy paint, available in Pattio colors and floor support ends in both felt and plastic to choose from.

The backrest is made up of a main injection foam, cut foam at the back and a fabric cover with 100gr/m^2 fiber. For the Comfort version, the fabric cover includes an additional 200gr/m2 fibre layer, which adds to the comfort feeling.

The seat is made up of a chipboard core of 6mm thick and PU injection foam, topped with a 100gr/m^2 fiber fabric cover. For the Comfort version, the fabric cover includes an additional 200gr/m2 fibre layer, which adds to the comfort feeling.

Centre tables

The centre tables are made up of a Ø30mm leg structure and a 4mm thick cylinder steel plate. The structure finish in epoxy paint in esPattio colors and floor support ends in both felt and plastic to choose from.

Table tops made of 23mm thick European oak veneered MDF board or matt black lacquered MDF board.

Classic upholstery

Comfort upholstery

Packaging

100% recyclable with inks with no solvents.

5-year warranty

► Warranty terms and conditions

Maintenance and cleaning of products

esPattio 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

cm

Chair

Armchair

Sofa

Centre tables

	kg			
Chair Classic / Comfort	16,22 kg	0,381 m³	1	2,5 m
Armchair Classic / Comfort	18,64 kg	0,466 m³	1	2,6 m
Sofa Classic / Comfort	33,81 kg	0,711 m³	1	4,10 m

Low tables	kg		
100 Ø	26,61 kg	0,441 m³	1
80 Ø	21,18 kg	0,296 m³	1
50 Ø	12,14 kg	0,143 m³	1

Life cycle analysis

PMA03

Raw Materials	kg	%
Steel	**9,01**	**66**
Upholsteries / Filling materials	**3,35**	**24**
Plastics	**0,01**	**1**
Wood	**1,28**	**9**

% Recycled Mat.= 10%

% Recyclable Mat.= 76%

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.
- Forma 5 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

Guidelines for the proper cleaning and maintenance of the different parts of the product, considering the various materials they are made of.

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.

Metal pieces

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

② Polished aluminum parts can be restored with polish on a dry cotton cloth to restore their initial gloss conditions.

Wooden - melamine 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.

Plastic 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.