

PRODUCT ENVIRONMENTAL PROFILE (PEP)

Aleta chair — *designed by Jaime Hayon*

This Product Environmental Profile (PEP) is a type II environmental product self-declaration document that includes relevant environmental statements about the materials that compose each product and its environmental impact.



**Product pictured may not be the exact style of the product studied in this document.*

Materials

INTERIOR STRUCTURE The back and seat interior structures are made of low formaldehyde emission plywood, which complies with TSCA Title VI + CARB ACTM 93120.

To produce these components Viccarbe is using wood sourced from sustainable forestry sources.

POLYURETHANE FOAM The standard polyurethane foam we use in our upholstery products (except for CMHR - fire retardant foams - used in the upholstery products available in UK pricelist) are CertiPUR and Oeko-TEX certified and do not contain added flame retardants. CMHR foams are Oeko-TEX certified.

CertiPUR is a voluntary testing, analysis, and certification program for the environment and health and safety properties of polyurethane foam used in bedding and upholstered furniture applications. It specifies substances that may not be used in the production of polyurethane foams and sets stringent maximum limits for some components.

Oeko-TEX certificate stands for customer confidence and high product safety. Every component of this article has been tested for harmful substances, therefore is harmless to human health. The test considers numerous regulated and non-regulated substances which may be harmful to human health. In many cases the limit values for the STANDARD 100 go beyond national and international requirements.

WOODEN LEGS

Wooden legs in the chair are made from solid ash wood sourced from certified sustainable forestry sources in Europe. Wooden legs in the lounge chair are made from solid oak, also sourced from certified sustainable forestry sources in Europe. Solid wood has low formaldehyde emissions.

METAL LEGS

We use powder coating obtained from polyester resins without TGIC on all our metallic structures. It offers hard weather resistance, maintaining its gloss and resistance to UV rays, and complies with international specifications of QUALICOAT.

No solvents are present in the polyester powder coatings; therefore, they are free of volatile organic compounds (VOCs). Furthermore, powder coatings neither contain heavy metals such as cadmium and lead.

This powder coating complies with NF EN ISO 16000-9 regarding low emissions of VOCs and has been labelled as A+ in the emission classification “VOC Émissions dans l’air intérieur”

UPHOLSTERY FABRICS

We offer a wide range of fabrics for upholstery from large international firms such as Kvadrat, Camira, Gabriel, Crevin and Spradling. All these firms have fabrics that comply with environmental requirements and can be checked in the technical data sheet of each fabric.

Manufacturing

The product is assembled in Viccarbe’s factory in Beniparrell, Spain. Viccarbe is accredited with the environmental standard ISO 14001. As a result, every care is taken to ensure our operations and products make a positive contribution to the local and global environment.

We appropriately manage all our waste with authorized agents.

PACKAGING

We carefully analyse the packaging of our product, using the quantity of cardboard, plastic, or foam strictly necessary to reduce waste whilst avoiding damaging the product in any way during transport.

80% of the raw material used in our paperboard packaging comes from recycled paper.

Transport

We take environmental impact into account when selecting raw materials. 98% of our suppliers are European, allowing us to minimize the environmental impact caused by transport. The remaining 2% come from the USA.

For the distribution of our products, we use groupage transport companies, ensuring that trucks are full. For inter-continental transport we always go by sea. We only use aerial transport in urgent cases.

Use

During the use phase of the product - the longest phase of the life cycle - no significant environmental impacts occur. Designed for a long product life with replaceable parts that are easy to change.

Maintenance information is available on Viccarbe's website. Viccarbe's guarantee for indoor products is valid for 10 years from the date of the invoice of Viccarbe.

End of use

Any product can become a resource itself or be responsibly disposed of in different ways. At Viccarbe we try to design products with easily interchangeable parts, making it easier to recycle the various components at the end of their life cycle.

Recyclability

The model chosen for analysis is the reference ALSIME from the Aleta range. We estimate that 39% of the product can be disassembled and 61% of the product materials can be recycled based on EUROSTAT statistics.*

**Recyclability calculation does not include packaging. Cardboard packaging is 100% recyclable.*

