

PRODUCT ENVIRONMENTAL PROFILE (PEP)

Manto Collection — *designed by* Monica Armani

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



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

Materials

FRAME

The interior structure and base are composed of low formaldehyde emission plywood and MDF.

— Flat plywood in the frame complies US EPA TSCA Title VI + CARB Phase 2 ATCM 93120.

— MDF has very low formaldehyde emissions ≤ 0.05 ppm (≤ 0.062 mg/m³, EN 717-1) and complies with US EPA TSCA Title VI + CARB ATCM 93120.

POLYURETHANE FOAM

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

CertiPUR is a voluntary testing, analysis, and certification program for the environment, 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. In this test, numerous regulated and non-regulated substances which may be harmful to human health are taken into account. In many cases the limit values for the STANDARD 100 go beyond national and international requirements.

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 that can be checked in the fabric's technical info section of our pricelist and the technical data sheet of each fabric.

Manufacturing

The product is assembled in Viccarbe's factory in Beniparrell, Spain. Viccarbe is accredited to 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 avoid the product being damaged 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 USA.

For the distribution of our products, we use groupage transport companies, ensuring that the 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.

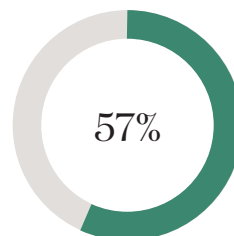
End of use

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.

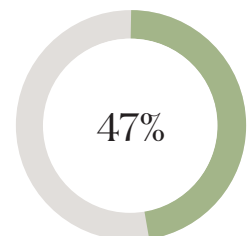
Recyclability

MANBUG

For the swivel base model (MANBUG), we estimate that 57% of the product can be disassembled and 47% of the product is recyclable by weight*.



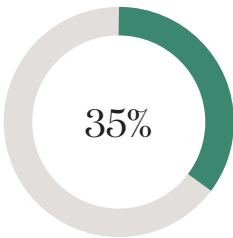
DISASSEMBLY



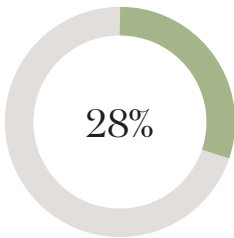
RECYCLABILITY

MANBU

For the adjustable legs model (MANBU), we estimate that 35% of the product can be disassembled and 28% of the product is recyclable by weight*.



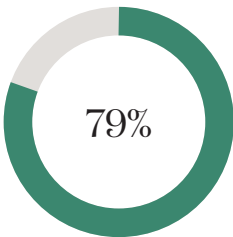
DISASSEMBLY



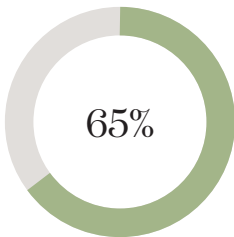
RECYCLABILITY

MANBUR

For the model with castors (MANBUR), we estimate that 79% of the product can be disassembled and 65% of the product is recyclable by weight*.



DISASSEMBLY



RECYCLABILITY

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