

# PRODUCT ENVIRONMENTAL PROFILE (PEP)

## Noha chair — *designed by Ludovica Serafini + Roberto Palomba*

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

### INTERIOR STRUCTURE

The interior structure is made of steel and polyurethane foam.

### FOUR METAL LEGS STRUCTURE / METAL ARMREST

The calibrated steel used in the manufacturing process of these pieces is free of nickel, chromium III or chromium VI.

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 polyester powder coatings; therefore, they are free of volatile organic compounds (VOCs). Furthermore, powder coatings do not 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”.

#### ALUMINIUM BASE

A black or white powder coated or polished aluminium base with a microtextured finish. 97% of the aluminium content in the base is made from recycled material.

#### METAL PLATE / TILT MECHANISM

The metal plate is mostly composed from steel and aluminium alloys made from 60% recycled material.

#### 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 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 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

The model chosen for analysis is the reference NOHEXSI4PME from the Noha range. We estimate that 36% of the product can be disassembled and 72% of the product materials can be recycled based on EUROSTAT statistics\*.

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

