

# Bee

— by Vicent Berbegal —



## BEE

Designed by **Vicent Berbegal**, Bee is inspired by the beauty of nature. Bee combines quality and design in a high-end product. It is the result of a refined work process that includes innovation, technology, materials science and process sustainability.

Made of Polypropylene with 30% Fibreglass, with delicate lines but with a high level of robustness, this resilient piece of engineering has a versatile character capable of adapting to any space as a singular element.



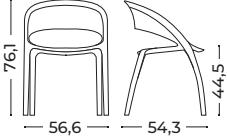
## ACTIU

[www.actiu.com](http://www.actiu.com)

*Design goes beyond aesthetics: innovation, space and furniture go hand in hand to create environments that are friendlier, more comfortable and more motivating for people: environments that are more dynamic, fresh, creative, ergonomic and functional.*

*A business philosophy in which design forms part of our DNA, as we apply it to every facet of the company: products, architecture, projects, brand, communication, work spaces...*



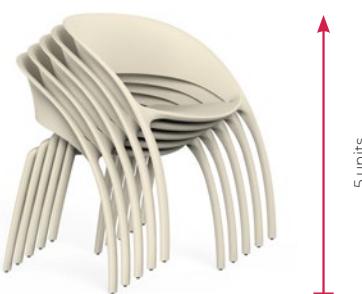
Model	Bee - 4 legs
Structure	<b>Polypropylene (P.P) frame with 30% fibre glass.</b> Wide range of colours. Technology with gas assisted injection, which generates volumes and sections for a plus in design. - Antistatic treatment to facilitate cleaning. - Stacking caps included.
Seat	Seat, moulded Polypropylene (P.P).
Arms	Model without arms
Structure/Base	4 legs
Supports	Standard: felt silent pad-anti scratch included in each chair (It is advisable not to use with carpet and / or exterior.)
Stacking	The Bee chair is designed for the seats to be stacked on top of one another, with the ability to stack up to 5 chairs in the standard way.
Dimensions	<p>Total seat height: 445 mm            Total height: 761 mm            Total width: 566 mm            Total depth: 543 mm</p> 

It is a product composed of: fiber glass to provide greater robustness to the product, antioxidants to prevent the natural decomposition and chalking of the material, and stabilizers to increase its useful life. Due to this, the Bee chair can present small bursts of color on the surface, which are not simply perceived, and which are below the tolerance threshold established by the European standard.

## Stacking

The Bee chair has the ability to stack up to 5 chairs for 4 leg model in the standard way.

### Vertical Stacking for models with and without arms



#### stacking details

4 legs model

Seat WITHOUT PAD

Vertical stacking capacity

Quantity of chairs

5

## Polypropylene



Polypropylene (P.P) frame with 30% fibre glass. UV resistant for outdoor use and antistatic treatment to facilitate cleaning.

\*Black finish has a special adherent tint for outdoor use. It is got with priming coat and lacquering processes that guarantee the highest visual quality and surface resistance.



## Weight and Volume // Ecodesign

### BEE

Model	Packs	Weight	Volume	Materials	Production	Transport	Use	Elimination
					Aluminium, steel and wood			
	4 units	16,48 kg	0,350 m <sup>3</sup>	High	100%	100%	Easy	High

**Materials:** Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

**Production:** Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

**Transport:** Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

**Use:** Quality and warranty. Long lasting. Replacements available.

**Disposal:** Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

## STANDARDS

Bee has passed tests done in our technical department as well as the tests done in AIDIMA the Technological Institute for furniture. The tests correspond to:

Normativa	Descripción
<b>UNE-EN 581-1:2017</b>	Outdoor furniture. Seating and tables for camping, domestic and contract use. Part 1: General safety requirements.
<b>UNE-EN 581-2:2016/AC:2016</b>	Outdoor furniture. Seating and tables for camping, domestic and contract use. Part 2: Mechanical safety requirements and test methods for seating.
<b>UNE-EN 16139:2013vc2015</b>	Furniture. Strength, durability and safety. Requirements for non-domestic seating.

## Certificates

The different programmes get points in different environmental categories to get the LEED certificate or WELL certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

