

FLUIT

— by Archirivolto —



Designed by **Archirivolto Design**, Fluit is an example of the circular economy principle that governs Actiu's production philosophy.

The result of an innovative process of **gas injection of recycled polypropylene and fiberglass**, Fluit is a stackable chair capable of adapting to different **corporate and hospitality environments** thanks to its lightness and robustness as per its fluid design.

A **100% sustainable concept** for a transversal solution, it comes with and without arms in response to different needs. It also allows the incorporation of a padded cushion to provide greater ergonomics and a wide range of trendy color combinations.



Bronze Delta
ADI Awards 2022




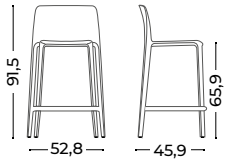
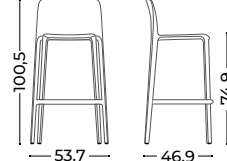
ACTIU

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	Fluit Stool - 4 legs - 66 cm Height	Fluit Stool - 4 legs - 75 cm Height
Structure	 ECO POLYPROPYLENE	
	<p>100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic material (post-consumer mainly from fruit crates) and 20% fiberglass 100% recycled (from industrial scrap) (both recyclable). Technology with gas assisted injection, which generates volumes and sections for a plus in design.</p> <ul style="list-style-type: none"> - UV resistant for outdoor use treatment. - Antistatic treatment to facilitate cleaning. - Stacking caps included. 	
Seat	Seat, moulded Polypropylene (P.P).	
Arms	Model without 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 Fluit stool has the ability to stack up to 6 units in the standard way.	
Dimensions	Seat height: from 659 mm Total height: from 915 mm Total width: from 528 mm Total depth: from 459 mm	Seat height: from 749 mm Total height: from 1005 mm Total width: from 537 mm Total depth from 469 mm
		

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 Fluit 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

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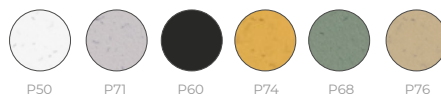
stacking details	Seat WITHOUT PAD	
	Trolley stacking capacity <i>(only models without arms)</i>	Vertical stacking capacity
	Quantity of chairs	Quantity of chairs
Stool	--	6

Polypropylene



 **ECO POLYPROPYLENE**

100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic materia and 20% fiberglass 100% recycled. The different particles present in the plastic granules resin have different melting points as a result of the characteristics of the recovered raw material, and have an irregular surface finish that recreates the naturalness of a recovered product, providing uniqueness and value to the design.



Weight and Volume

Fluit				Materials	Production	Transport	Use	Elimination
Model	Packs	Weight	Volume	Recycled materials	Aluminium, steel and wood	Package and thinner free	To clean and maintain	Recyclability
	h:66 cm - without pad			High	100%	100%	Easy	High
	2 units	-- kg	---					
	4 units	-- kg	---					
	h:75 cm - without pad			High	100%	100%	Easy	High
	2 units	-- kg	---					
	4 units	-- kg	---					

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

Fluit 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
UNE-EN 16139:13.	Furniture. Resistance, long lasting, security. Requirements for non domestic use seating.
UNE EN 581-2:09.	Outdoor furniture - Seating and tables for camping, domestic and contract use. Part 2: Mechanical safety requirements and test methods for 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).

 EN ISO 14006:2011 ECODESIGN Certificate	 UNE-EN ISO 9001:2008 ISO 9001 Certificate	 UNE-EN ISO 14001:2004 ISO 14001 Certificate	 ACTIU TECHNOLOGY PARK LEED® PLATINUM certified by USGBC Leadership in Energy & Environmental Design	 Health & Wellbeing of people through The space
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Awards

