

FLUIT

— by Archirivolto —



FLUIT

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...


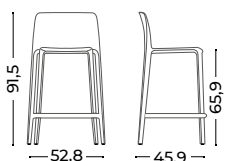
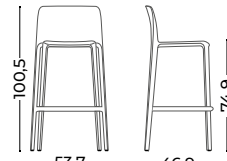




Model	Fluit - 4 legs		Fluit - 4 legs with arms	
Structure	ECO POLYPROPYLENE			
	<p>100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic material (post-consumer mainly from fruit crates) and 20% fiberglass 100% recycled (from industrial scrap) (both recyclable). Technology with gas assisted injection, which generates volumes and sections for a plus in design. - UV resistant for outdoor use treatment. - Antistatic treatment to facilitate cleaning. - Stacking caps included.</p>			
Seat	<p>Seat, moulded Polypropylene (P,P). (PUR) Poliurethane. Versatile material with compact surface and soft inner. Wipe clean with damp cloth or shampoo. Upholstered over foam (100-110kg/m3) . Wide range of fabrics and colours.</p>			
Arms	Model without arms		Model with 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 chair is designed for the seats to be stacked on top of one another, with the ability to stack up to 20 chairs without padded seat and 20 chairs with padded seat in the stacking trolley and up to 6 chairs in the standard way.			
Dimensions	Total height: from 796 mm Total width: from 519 mm Total depth: from 536 mm	Seat height: 434 mm without pad 453 mm with pad Seat width: from 371 mm Seat depth: from 411 mm	Total height: from 796 mm Total width: from 594 mm Total depth: from 536 mm	Seat height: 434 mm without pad 453 mm with pad Seat width: from 371 mm Seat depth: from 411 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.



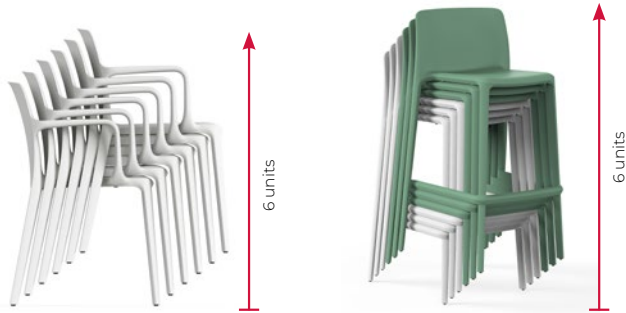
Model	Fluit Stool - 4 legs - 66 cm Height	Fluit Stool - 4 legs - 75 cm Height
Structure	 ECO POLYPROPYLENE	
	<p>100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic material (post-consumer mainly from fruit crates) and 20% fiberglass 100% recycled (from industrial 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.

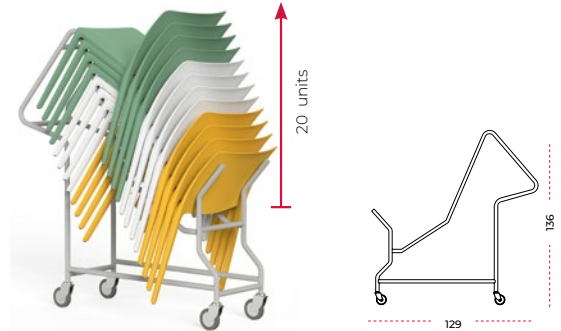
Stacking

The Fluit chair has the ability to stack up to 20 chairs without padded seat and 20 chairs with padded seat (only models without armrests) in the stacking trolley and up to 6 chairs for models with and without armrests, in the standard way. The Fluit stool has the ability to stack up to 6 units in the standard way.

Vertical Stacking for models with and without arms



Trolley stacking only model without arms



stacking details	Seat WITHOUT PAD		Seat WITH PAD	
	Trolley stacking capacity <i>(only models without arms)</i>	Vertical stacking capacity	Trolley stacking capacity <i>(only models without arms)</i>	Vertical stacking capacity
	Quantity of chairs	Quantity of chairs	Quantity of chairs	Quantity of chairs
4 legs model	20	6	20	6
Stool	--	6	--	6

Polypropylene



ECO POLYPROPYLENE

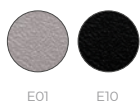
100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic materia and 20% fiberglass 100% recycled. The different particles present in the plastic granules resin have different melting points as a result of the characteristics of the recovered raw material, and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



Polypropylene + Polyurethane pad



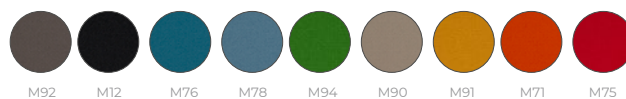
(TPU) - (PUR) Poliurethane. Versatile material with compact surface and soft inner. It is comfortable and solid, pleasant and resistance. Wipe clean with damp cloth or shampoo.



Polypropylene + Upholstered pad



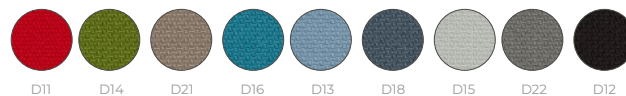
Fabric M















Fabric M



Fabric D



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	Recyclabilité
									
	4 units	wo/ pad 20,3 kg	w/ pad 23,1 kg	0,345	High	100%	100%	Easy	High
	4 units	wo/ pad 22,6 kg	w/ pad 25,4 kg	0,394	High	100%	100%	Easy	High
	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).

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

