

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.



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...

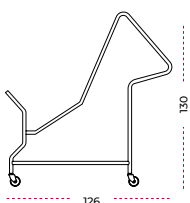


Model	Fluit - 4 legs	Fluit - 4 legs with arms		
Structure	ECO POLYPROPYLENE			
	<p>100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic material (post-consumer mainly from fruit crates) and 100% recycled fiberglass (from industrial scrap) (both recyclable). 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>			
	POLYPROPYLENE			
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 *according to UNE-EN 1335-1	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.

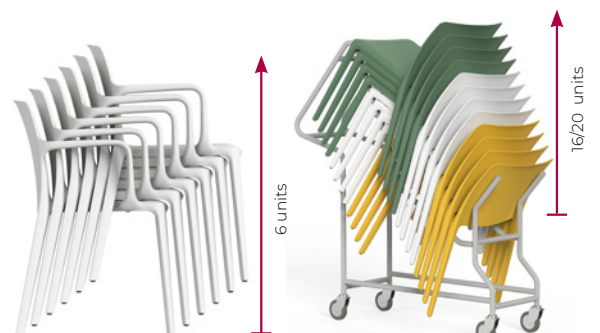
Stacking

The Fluit chair has 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.



stacking details

	Seat WITHOUT PAD		Seat WITH PAD	
	Trolley stacking capacity	Vertical stacking capacity	Trolley stacking capacity	Vertical stacking capacity
	Quantity of chairs	Quantity of chairs	Quantity of chairs	Quantity of chairs
4 legs model	20	6	20	6

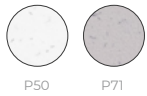


Polypropylene



ECO POLYPROPYLENE

100% RECYCLED product made from recovered materials: manufactured with 100% recycled thermoplastic materia and 100% recycled fiberglass. 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

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

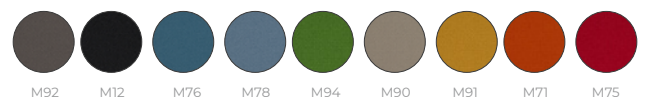
*Black finish has a special adherent tint for outdoor use. It is got with priming coat and lacquering processes that guarantee the highest visual quality and surface resistance.



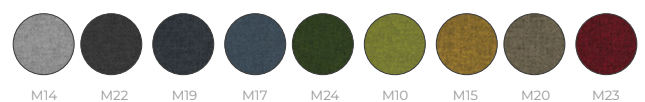
Polypropylene + Upholstered pad



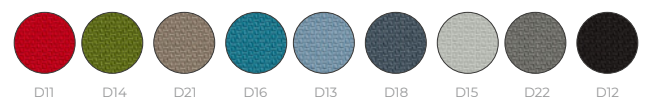
Fabric M



Fabric M



Fabric D



Weight and Volume

Fluit					Materials Recycled materials	Production Aluminium, steel and wood	Transport Package and thinner free	Use To clean and maintain	Elimination Recyclability
Model	Packs	Weight		Volume					
		w/ pad	wo/ pad						
		w/ pad	wo/ pad		High	100%	100%	Easy	High
	2 units	11,9 kg	13,3 kg	0,306					
	4 units	20,3 kg	23,1 kg	0,345					
		w/ pad	wo/ pad		High	100%	100%	Easy	High
	2 units	11,9 kg	13,3 kg	0,306					
	4 units	22,6 kg	25,4 kg	0,394					

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 [En proceso de ensayo]

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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