

# 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**



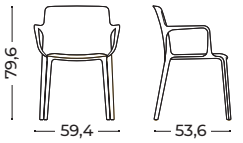
[www.actiu.com](http://www.actiu.com)

*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...*


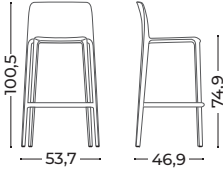




Model	Fluit - 4 legs		Fluit - 4 legs with arms	
Structure	 <b>ECO POLYPROPYLENE</b>			
	<p><b>100% RECYCLED product</b> made from recovered materials: manufactured with <b>100% recycled thermoplastic material</b> (post-consumer mainly from fruit crates) and <b>30% fiberglass 100% recycled</b> (from industrial scrap) (both recyclable).                      Technology with gas assisted injection, which generates volumes and sections for a plus in design.                      - 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/m<sup>3</sup>). 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.



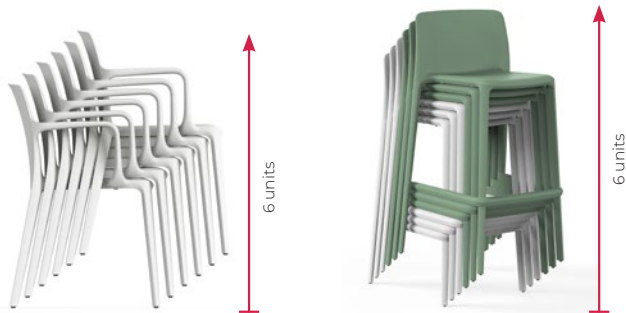
Model	Fluit Stool - 4 legs - 75 cm Height
Structure	 <b>ECO POLYPROPYLENE</b>
	<p><b>100% RECYCLED product</b> made from recovered materials: manufactured with <b>100% recycled thermoplastic material</b> (post-consumer mainly from fruit crates) and <b>30% fiberglass 100% recycled</b> (from industrial scrap) (both recyclable).                      Technology with gas assisted injection, which generates volumes and sections for a plus in design.                      - Antistatic treatment to facilitate cleaning.                      - Stacking caps included.</p>
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 Fluit stool has the ability to stack up to 6 units in the standard way.
Dimensions	Seat height: from 749 mm Total height: from 1005 mm Total width: from 537 mm Total depth from 469 mm
	

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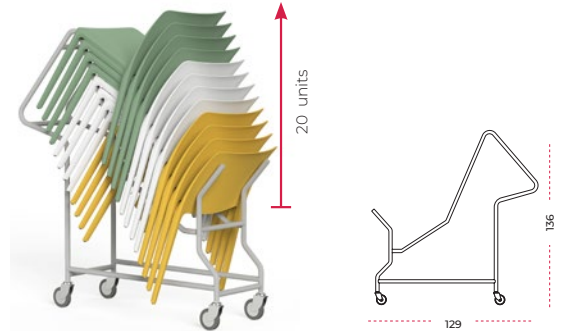
## Stacking

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

## 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



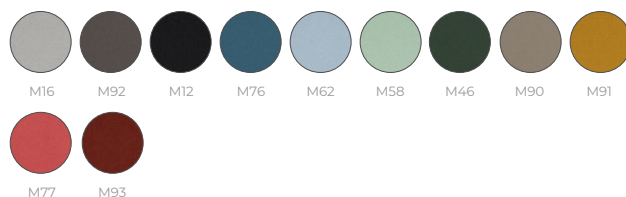
(TPU) - (PUR) Poliurethane. Versatile material with compact surface and soft inner. It is comfortable and solid, pleasant and resistance. Wipe clean with damp cloth or shampoo.



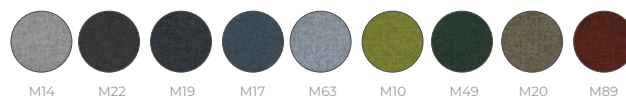
## Polypropylene + Upholstered pad



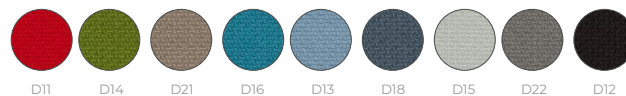
### Fabric M



### Fabric M



### Fabric D





**Weight and Volume**

Fluit									
Model	Packs	Weight		Volume	Materials	Production	Transport	Use	Elimination
		wo/ pad	w/ pad						
	4 units	20,3 kg	23,1 kg	0,345	High	100%	100%	Easy	High
	4 units	22,6 kg	25,4 kg	0,394	High	100%	100%	Easy	High
	h:75 cm - withou 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
<b>UNE EN 581-1:2017</b>	Outdoor furniture. Seating and tables for domestic, public and camping use. Part 1: General safety requirements.
<b>UNE EN 16139:2013vc2015</b>	Furniture. Resistance, long lasting, security. Requirements for non domestic use seating.
<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.

## 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).



## Awards

