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.

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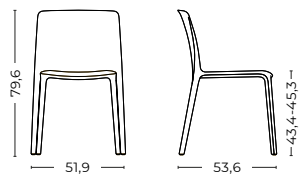
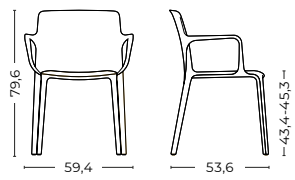
Technical specifications

Model	**Fluit ECO** · Multi-purpose chair · 4 plastic legs	
Reference		
Structure	Manufactured in **recycled polypropylene** (PP) with 30% glass fibers 100% recycled (from industrial scrap, both recyclable) in a wide range of colors. Gas-assisted injection technology, which makes it possible to generate volumes and and sections to obtain a plus in design. Anti-static treatment for easy cleaning. Stacking protectors included.	
Seat	Without **recycled polypropylene** (PP) padding. Optional textile-type textured PUR padding with a pleasant feel that provides greater resistance. resistance. Easy cleaning with soap and water. Optional upholstered padding (100-110kg/m3) with a wide range of colors.	
Arm type	Without arms	Closed arm without armrests
Supports	**Standard:** Non-slip rubber with non-slip felt included with each chair (not recommended for use with carpeting and/or outdoors).	
Stacking	The Fluit chair has the possibility of stacking up to 20 chairs without pad and 16 with pad on the stacking trolley and up to 6 chairs as standard.	
Dimensions according to UNE-EN 1335-1	**OVERALL DIMENSIONS** Height: 79,6 cm Width: 51,9 cm Depth: 53,6 cm **SEAT DIMENSIONS** Seat height without PAD: 43,4 cm Seat height with PAD: 45,3 cm Width: 37,1 cm Depth: 41,1 cm	**OVERALL DIMENSIONS** Height: 79,6 cm Width: 59,4 cm Depth: 53,6 cm **SEAT DIMENSIONS** Seat height without PAD: 43,4 cm Seat height with PAD: 45,3 cm Width: 37,1 cm Depth: 41,1 cm
		

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.

Stackability

The **Fluit** chair has the possibility of stacking up to 20 chairs without pad and 20 with pad on the stacking trolley and up to 6 chairs as standard.

Vertical stacking / Without and with arms

Multi-purpose chair 4 plastic legs with and without seat PAD

Trolley stacking / Without arms

Multi-purpose chair 4 plastic legs with and without seat PAD

Stacking details

	SEAT WITHOUT PAD		SEAT WITH PAD	
	WITHOUT ARMS	WITHOUT AND WITH ARMS	WITHOUT ARMS	WITHOUT AND WITH ARMS
	Trolley stacking capacity	**Vertical stacking capacity**	**Trolley stacking capacity**	**Vertical stacking capacity**
Multi-purpose chair 4 plastic legs	**20**	**6**	**20**	**6**

Finishes available · Fluit ECO

Chair finish

PLASTIC

White | Grey | Black | Mustard | Mink | Green

Upholstery type · Pad finish · optional

POLYURETHANE

Grey | Black

UPHOLSTERED

Upholstered AD · Felicity

AD18 | AD13 | AD16 | AD14 | AD11 | AD21 | AD22 | AD15 | AD12

Upholstered CM · Step & Step Melange

CM62 | CM76 | CM46 | CM58 | CM91 | CM77 | CM93 | CM92 | CM90 | CM16 | CM12

CM19 | CM63 | CM17 | CM49 | CM10 | CM89 | CM20 | CM14 | CM22

Upholstered AC · Chili

AC69 | AC65 | AC61 | AC54 | AC58 | AC36 | AC82 | AC89 | AC21 | AC16 | AC11 | AC08

Packs, weights & volumes

Model		Packs	Weights		Volumes	
		↓	Without pad ↓	With pad ↓	Without pad ↓	With pad ↓
Fluit ECO Multi-purpose chair 4 plastic legs	Without arms	1 Pack / 4 units	**20,3 kg** (pack 4 units)	**23,1 kg** (pack 4 units)	**0,345 m³**	**0,345 m³**
	With arms	1 Pack / 4 units	**22,6 kg** (pack 4 units)	**25,4 kg** (pack 4 units)	**0,394 m³**	**0,394 m³**

Ecodesign

	Fluit · Multi-purpose chair · 4 plastic legs
Recycled materials	High
Production	100%
Transportation	100%
Use	Easy
Disposal	High

Recycled materials: Maximum use of materials to eliminate waste and minimize residues. Use of recyclable materials and recycled materials in components that do not affect functionality and durability. **Production:** Maximum optimization of energy use. Minimum environmental impact. State-of-the-art technological systems. Zero wastewater discharge. VOC-free coatings. Processes free of heavy metals, phosphates, OC and COD. **Transport:** Dismountable systems. Volumes that facilitate space optimization. Maximum reduction of energy consumption for transport. **Use:** Quality and guarantee. Long useful life. Possibility of substitution and replacement of elements. **Disposal:** Waste reduction. Reuse system of supplier-manufacturer packaging. Easy separation of components. Solvent-free water-based printing inks on packaging.

Regulations & EPD

Fluit has passed the tests carried out in our laboratory and the tests performed at the Instituto Tecnológico del Mueble (AIDIMME) corresponding to the standards:

Regulations	Description
UNE EN 581-1:2017	Outdoor furniture. Seating and tables for domestic, public and camping use. Part 1: General safety requirements.
UNE EN 16139:2013vc2015	Furniture. Resistance, long lasting, security. Requirements for non domestic use seating.
UNE EN 581-2:2016/AC 2016	Outdoor furniture - Seating and tables for camping, domestic and contract use. Part 2: Mechanical safety requirements and test methods for seating.

Certificates

The different programs allow points to be obtained in different environmental categories, referring to sustainable plots, materials and resources, efficiency in water, energy and atmosphere, indoor environmental quality, and innovation and design, which are applied to a building in order to obtain LEED certification.

ACTIU TECHNOLOGY PARK LEED® PLATINUM certified by USGBC Leadership in Energy & Environmental Design

Health & Wellbeing of people through the space

European Level Certification Level 2

Certified B Corporation

AENOR ECODESIGN ISO 14006 2020

AENOR QUALITY MANAGEMENT ISO 9001 2015

IQNET

AENOR ENVIRONMENTAL MANAGEMENT ISO 14001 2015

IQNET

Awards

Bronze Delta ADI Awards 2022

DESIGN AWARD 2023

GERMAN DESIGN AWARD WINNER 2024