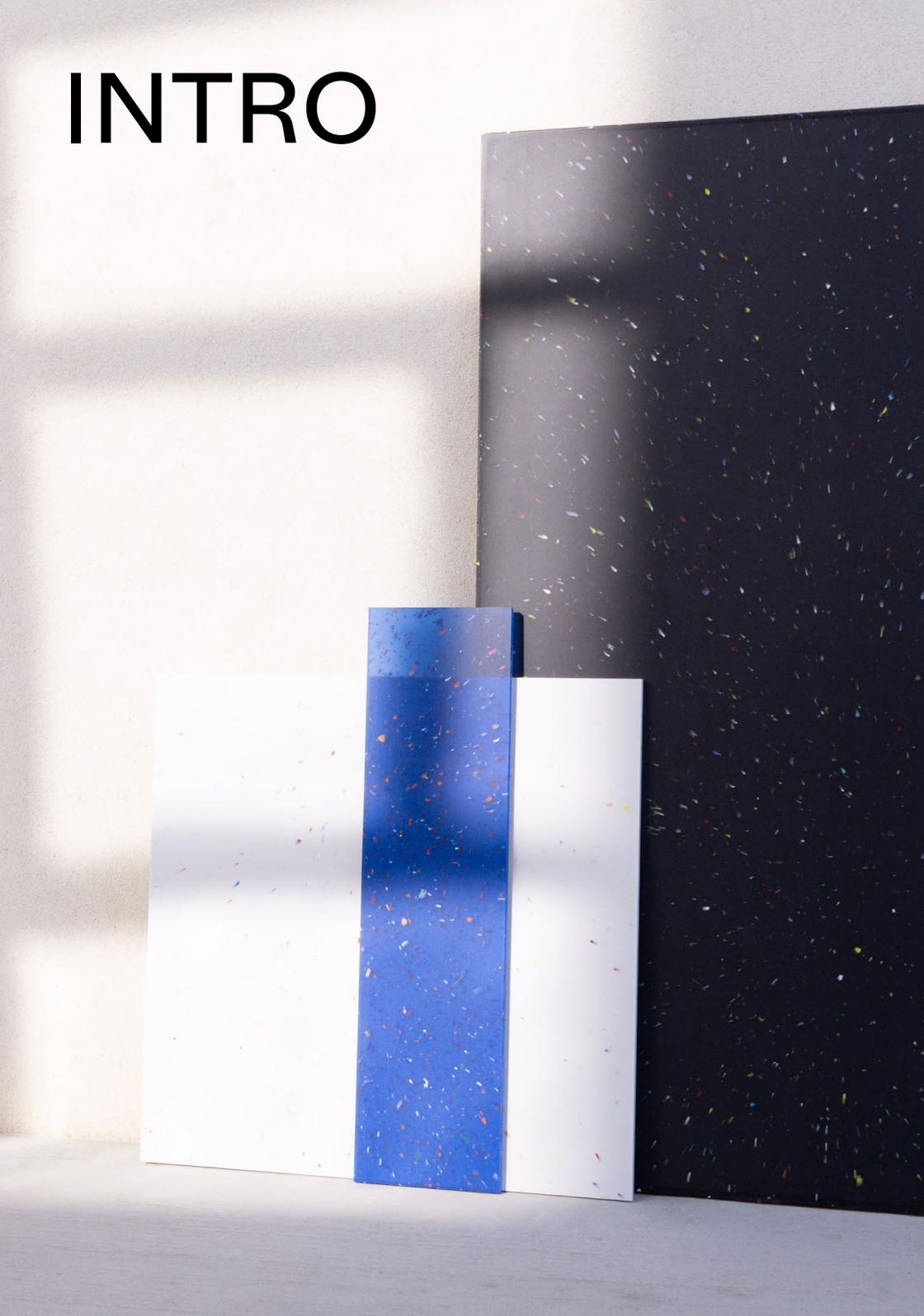


High-quality panels and design objects made from
100% regionally sourced and recycled PETG.
Manufactured in Vienna with 100% green energy.

INTRO



THE COMPANY

FANTOPLAST Circular Design was founded in 2022 by a young interdisciplinary team of five, with a strong focus on sustainable product design, material development and a keen interest in contributing to the regional circular economy.

100% regional
100% recycled
100% recyclable

THE PANELS

FANTOPLAST manufactures high-quality plastic panels in a standard format of 2000 × 1000 mm and four thicknesses (6, 12, 20, 30 mm). The panels can be easily and precisely processed with all standard machines. Thanks to the material's versatile and high-quality properties, they are universally used in design and architecture, giving plastic recycling a new sustainable form and purpose.

THE MATERIAL

recycled PETG

(Polyethylenterephthalat-Glycol)

- ⊕ the technical properties of rPETG cover a wide range of applications making it suitable for a variety of projects
- ⊕ its chemical and mechanical resistances make rPETG an excellent choice for surfaces
- ⊕ rPETG's low melting point makes it less energy-intensive than other plastics
- ⊕ rPETG has a high fire safety class (B1) and it is considered food-safe
- ⊕ rPETG is easy to clean and easy to process

PIGMENT SERIES



Our range of mineral-based pigment series brings an earthy, architectural sensibility to our materials

&

Our essential range of recycled plastic panels designed for circular and timeless applications in design and architecture



CORE COLLECTION

PIGMENT SERIES



[GOLD OCHRE]



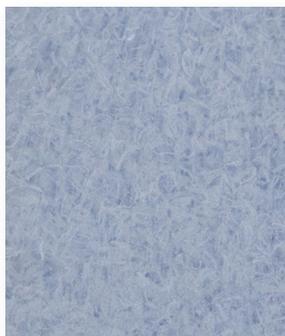
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[ALABASTER]



[YVES]



[GLACIER]



[AQUAMARINE]



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[LUNAR]



[SIENA]



[MESA]



[ROSÉ]



[IVY]



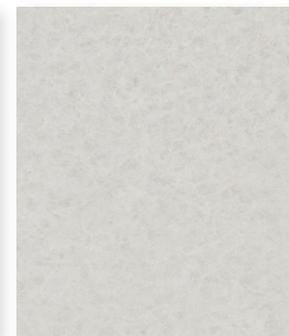
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[CELADON]



[FARINA]

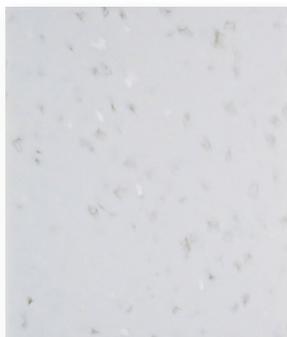


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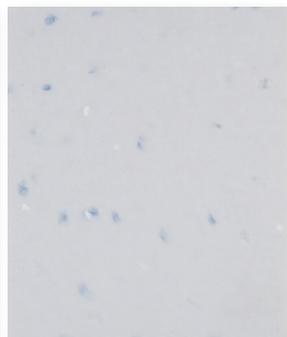
CORE COLLECTION



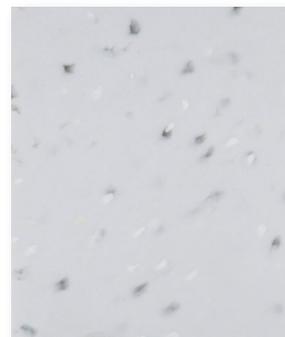
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[MICA]



[CELESTE]



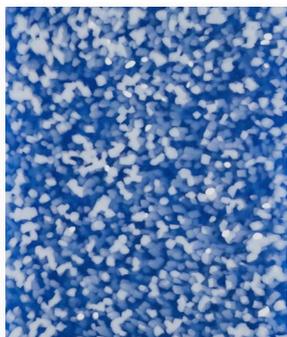
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[ATLANTIC]



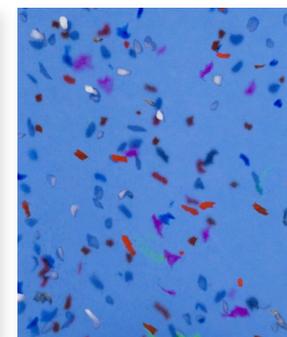
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[CHIMERA]



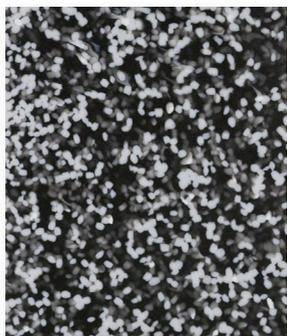
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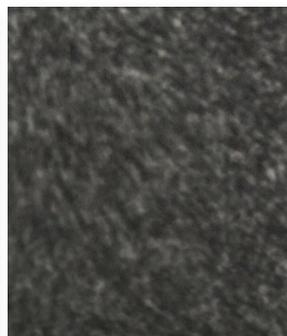
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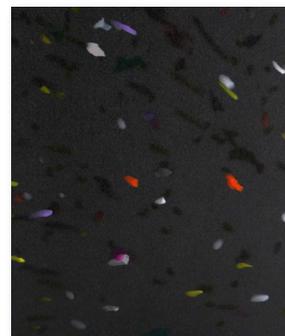
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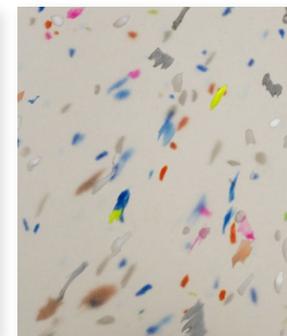
[GRAVEL]*



[MIRAGE]



[NEBULA]



[FANTASMA]

*available in
20 and 30 mm only

APPLICATIONS

Hospitality
Office Spaces
Exhibitions
Retail
Furnitures
Interiors
Washrooms
Architecture



Side-table by hej studio

CUSTOM 20 mm



Macha Komachi by Granda Banda

CUSTOM 20 mm





CUSTOM 12 and 30 mm

BEANDEPENDENT by cape land

Shiso Burger by Tzou-Lubroth Architekten

FANTASMA 30 mm



TZ3 by Vienna Business Agency

CUSTOM 20 mm

Tree by Florestania

CUSTOM 6 mm



MICA 12 mm

Exhibition at Wien Museum Musa

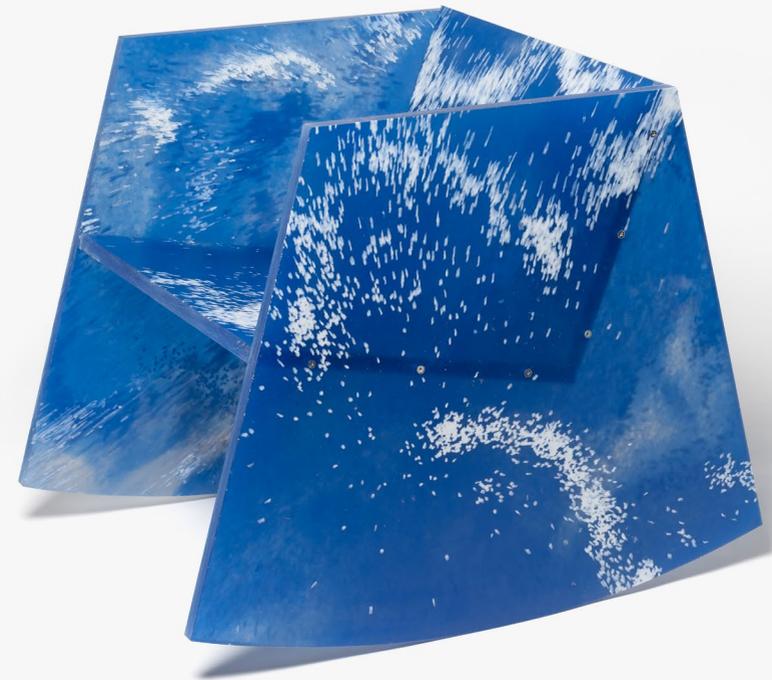
Cirkla Set by Paco Kolax

PACIFIC 12 mm



Tide Chair by ante up

DRIFT 20 mm



 **BIG SEE**
Product Design
Award 2025
Winner

Dresser by Maîtres des Bois

HARLEKIN 20 and 30 mm



HARD FACTS

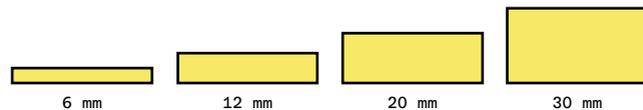
PANELS DIMENSIONS

We guarantee a surface of 1000 × 2000 mm, but panels are produced and delivered oversized in thicknesses ranging from 6 to 30 mm.



- 1000 × 2000 mm guaranteed surface
- 1100 × 2200 mm production size

AVAILABLE THICKNESSES



TOLERANCES AND IMPERFECTIONS

Our panels are unique due to the manufacturing process and the use of 100% recycled plastics. However, the material design – including pattern, texture, and mix ratio – remains consistent from panel to panel, ensuring a uniform appearance at scale.

Due to the use of recycled materials, our panels may have slight imperfections and traces of the manufacturing process. This may result in minimal unevenness on the surface, small air pockets within the millimetre range, or bubbles within the material.

MATERIAL PROPERTIES



Our panels are engineered for long-lasting performance, making them exceptionally durable and easy to clean and maintain



UV EXPOSURE

suited for sunlight exposure but may slightly darken over time.



WATER

ideal for wet rooms and outdoor spaces.



IMPACT

highly durable, resistant to breakage, and moderately scratch-resistant.



NO VOC

crafted from chemically inert recycled plastics, ensuring safety and sustainability.



SOLVENTS

resistant to damage from common cleaning products (avoid use of acetone)



HEAT

withstand prolonged exposure to temperatures up to 60-65°C



Our panels can be easily processed with standard tools to achieve your desired results.



MILLING

compatible with CNC routers and water jet cutters for precise processing



CUTTING

can be cut with conventional circular saws and plastic-specific blades



SANDING

can be sanded and polished to achieve a high-gloss finish



SCREWING

compatible with conventional screws, (we recommend generous pre-drilling)



GLUEING

resistant to damage from common household cleaning products



THERMOFORMING

can be deep-drawn or bent by heat

Downloads: [Handling instructions ↗](#)
[Technical Sheet ↗](#)

SAMPLES

Our sample boxes are the perfect way to experience the haptics and qualities of our materials firsthand

fantoplast.com/samples

PIGMENT SERIES

Each box includes nine designs from our range of natural pigments panels, cut to 6 × 12 cm in 12 mm thickness.



CORE COLLECTION

Each box includes eight designs from our range of classics, cut to 6 × 12 cm in either 12 mm or 20 mm thickness.



We're happy to provide custom sample sizes (up to 40 × 40 cm) or samples in different material thicknesses and colors upon request – just write us at info@fantoplast.com

GET IN TOUCH!

[FANTOPLAST]

Circular materials.
Endless applications.

PRODUCTION FACILITY

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