



BOOMPLastic

sheet | project | product

We produce solid plastic sheets made from **100% recycled materials and 100% suitable for recycling.**

In specially formulated blends, we also use problematic waste materials that rarely get recycled or are destined for incineration.

Who are we?

We are a team of design enthusiasts. What unites us is openness to everything that is new and extraordinary.

Thanks to creativity, we see opportunities, possibilities and new products in plastic waste.

Trash is a valuable new resource and definitely should not be floating in seas and oceans or accumulating in illegal landfills. We believe that together we can change the world. That's why we put a lot of energy into working on the raw material acquisition process and developing new technologies.



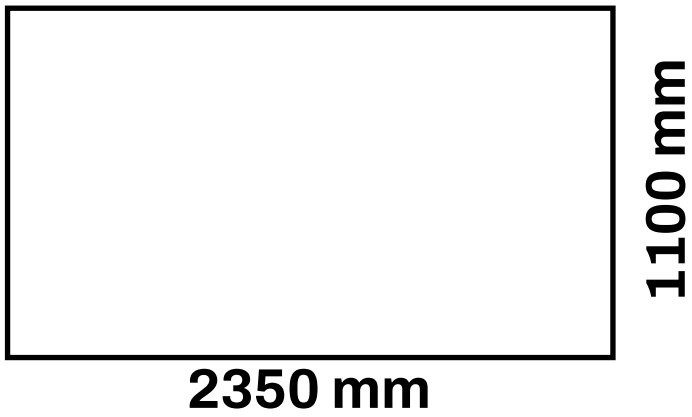
CIRCULARITY is the future

- We use 100% recycled material: we process **post-consumer regrinds and regranulates** from local waste processing plants.
- Our mixtures are **single-material** (only polypropylene or polyethylene), so the sheets and processing residues can be 100% recycled.
- We develop a technological process with **the lowest possible energy demand**.
- We treat **plastic as a noble material** that can be used for generations.
- We produce **waste-free**: we process waste from cutting and processing into new sheets and products.
- Our products can come back to us and be **processed into new** material.

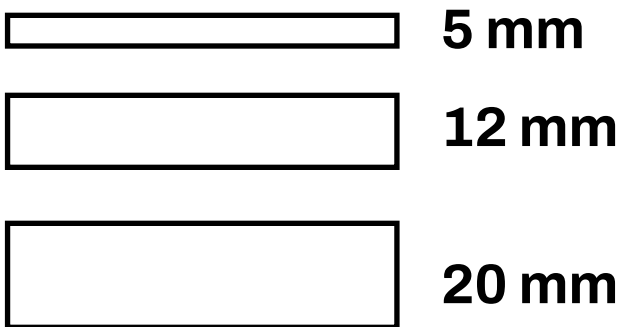


Sheets' properties

Sheets dimensions:
2350mm x 1100mm



Thickness and weight:
5 mm / approx. 12 kg
12 mm/ approx. 30 kg
20mm/ approx. 50 kg



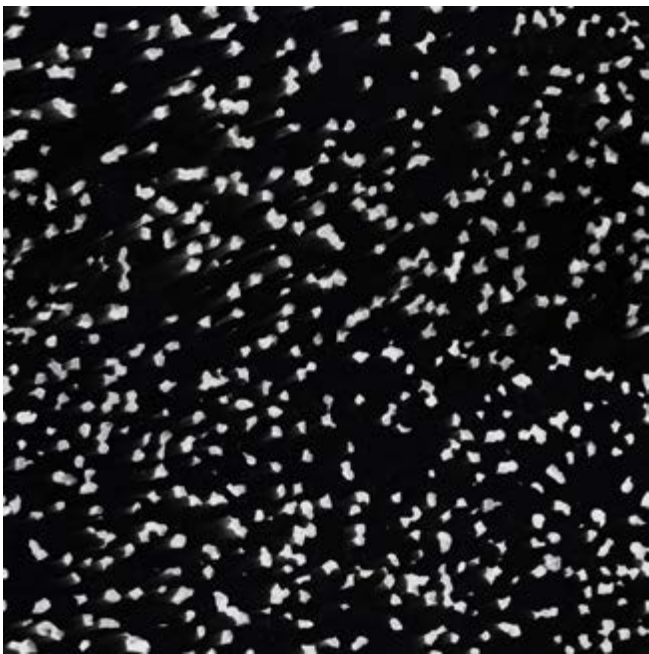
We develop each color composition ourselves.
Each material requires **testing and individual quality assessment**.
The process of producing boards is not easy and must be supervised by human.

We use standard woodworking tools. It is important to select the appropriate operating speed of the tools.
It is possible to organize processing training.

- ● ● ● ● cutting, milling, drilling(CNC)
- ● ● ● ● grinding and polishing
- ● ● ○ ○ bending
- ● ● ○ ○ termoforming
- ● ● ● ● threading
- ● ● ● ○ welding
- ● ● ○ ○ glueing

Standard collection

Compositions made from the most available regranulates.



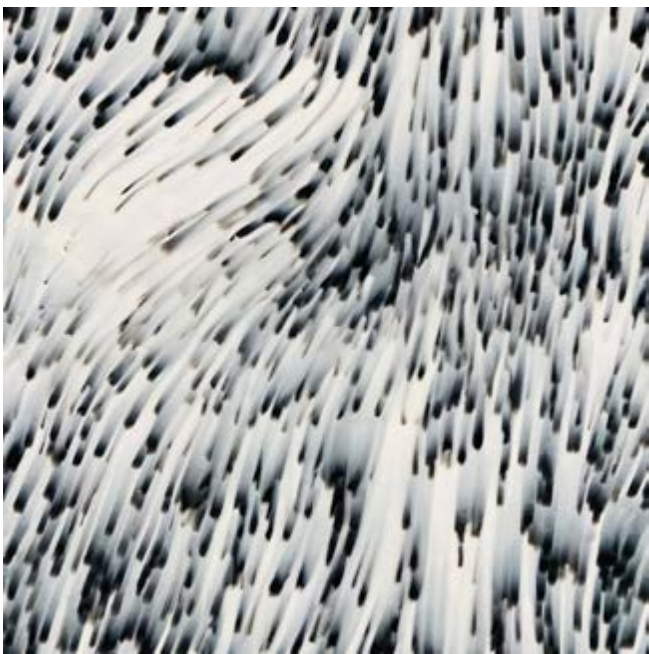
Bytom



White Sloth



Sloth



Black Sloth



Confetti



Dalmatian

SPECIAL collection

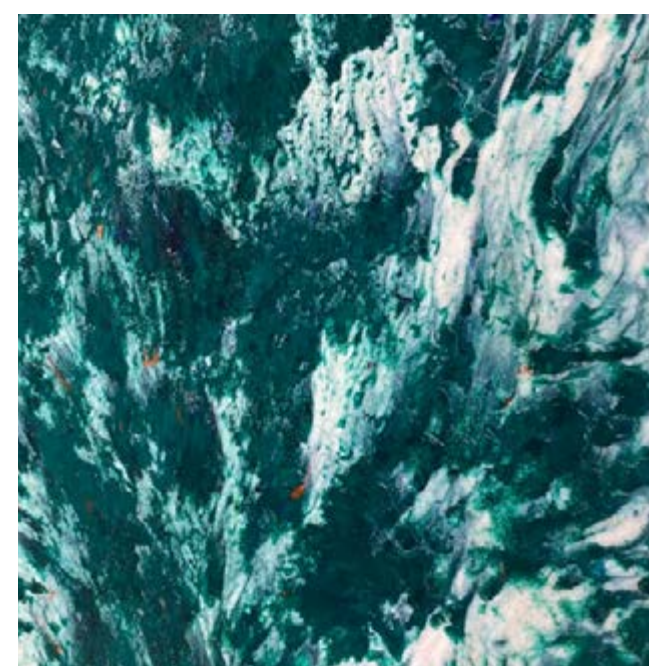
Sheets made of non-recyclable materials.



Masuria



Mare Black



Mare

CUSTOM boards :

It is possible to develop your own, tailored design created from a specific waste, with a specific pattern.

This requires an individual approach and tests.

Applications

Kitchen

- countertops
- backsplash
- furniture fronts
- table tops
- entire pieces of furniture (e.g. table, shelf)

Bathroom

- countertops
- wall coverings, e.g. in the shower
- whole pieces of furniture
- shower furniture
- waterproof accessories

Hallway

- protective wall coverings
- railings
- lighting
- furniture

Other rooms

- floor lamps, wall lamps, hanging lamps, desk lamps
- small handy furniture
- accessories
- decorations (wall panels)

Outdoor*

- garden furniture
- swimming pool finishing
- flower beds, garden partitions
- small architecture

Public spaces

- small architecture
- wall coverings
- custom office furniture
- illuminated signs
- exhibition elements

... and many others. The Boomplastic sheet will work well wherever there is moisture and greater exposure against dirt.

If properly designed, it can be a structural element.

*the material may discolor due to exposure to UV. We do not recommend white-based compositions for external applications.

We recommend using additional UV protection

Applications

Advertisement

- illuminated logos
- visual identification elements (signs, plaques...)
- advertising gadgets

Objects

- trophies
- vases
- flowerpots
- table accessories
- decor
- organizers, containers

Furniture

- tables and coffee tables
- chairs and stools
- benches
- built-in furniture
- shelves
- office furniture

Finishing and details

- frames for mirrors and pictures
- door handles, hangers
- lamellas
- windowsills

Wall coverings

- panels for contact with water
- wall panels with organization function
- partition walls
- protective panels

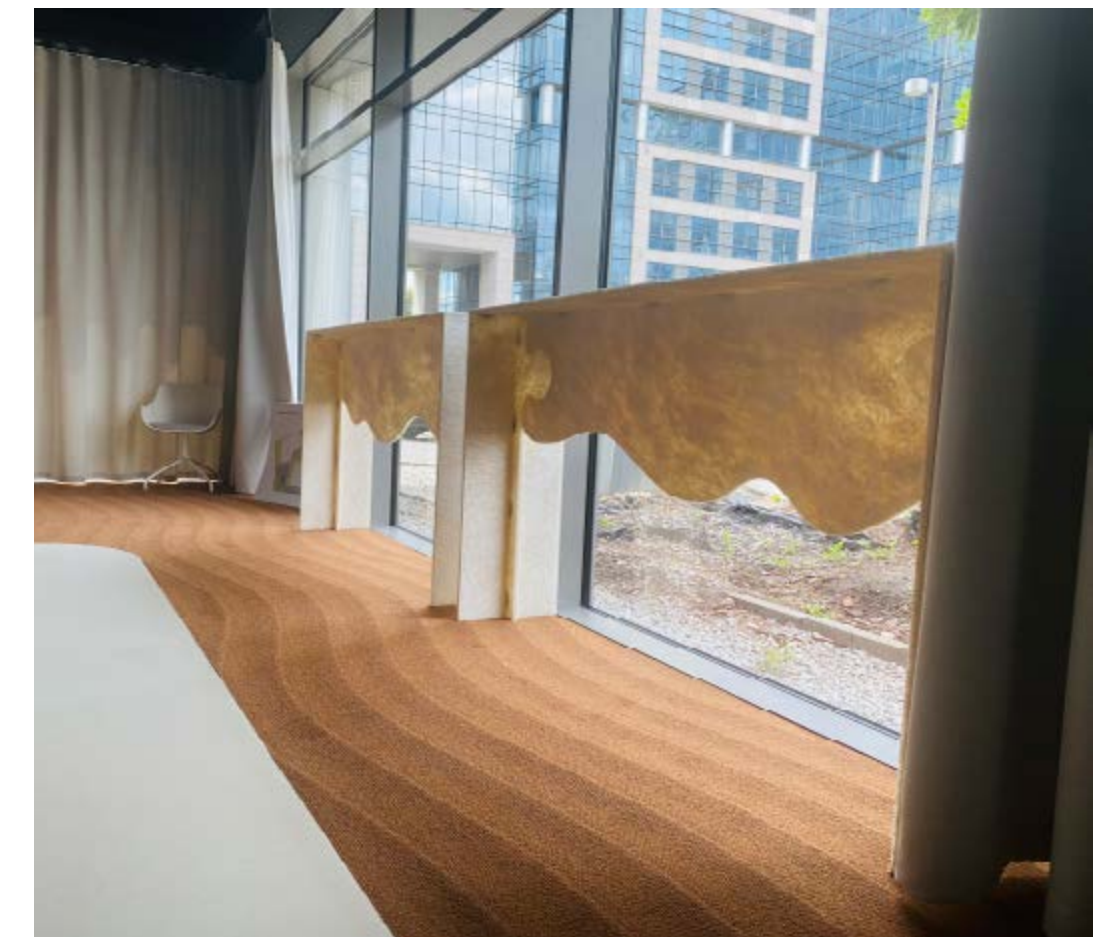
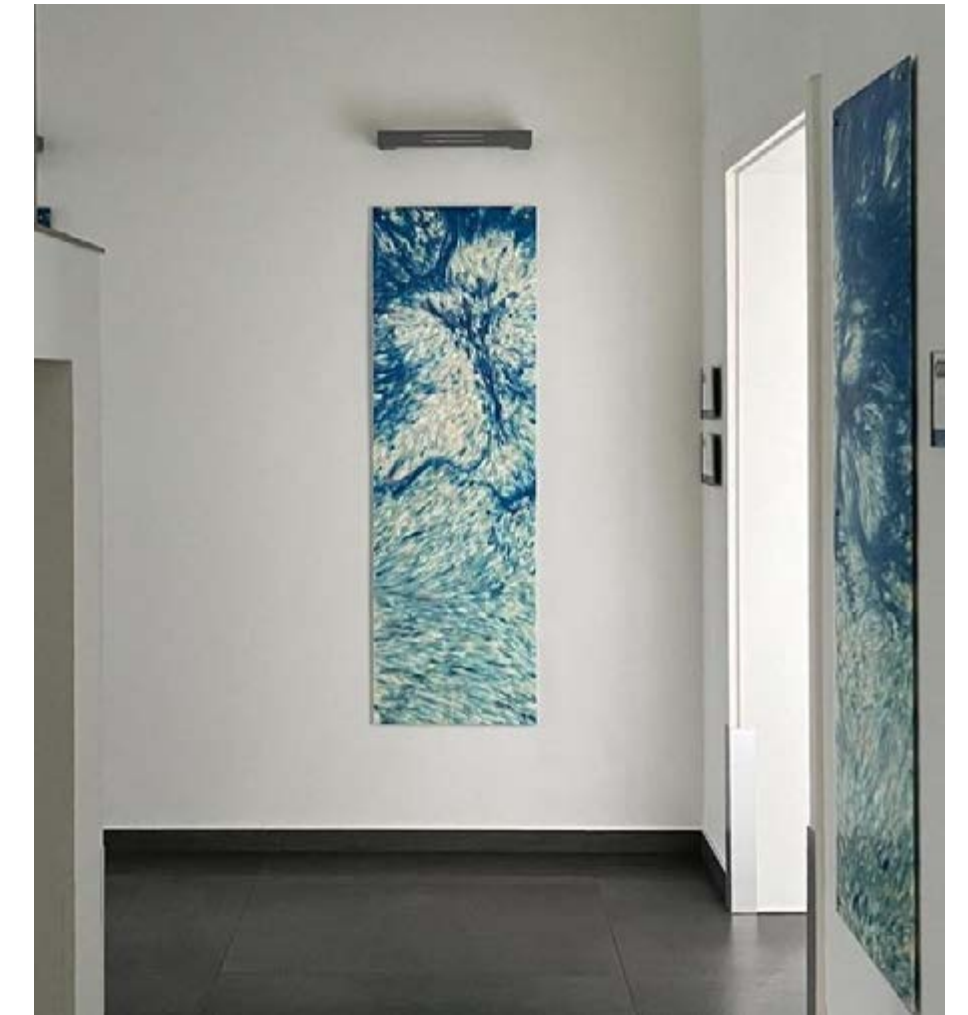
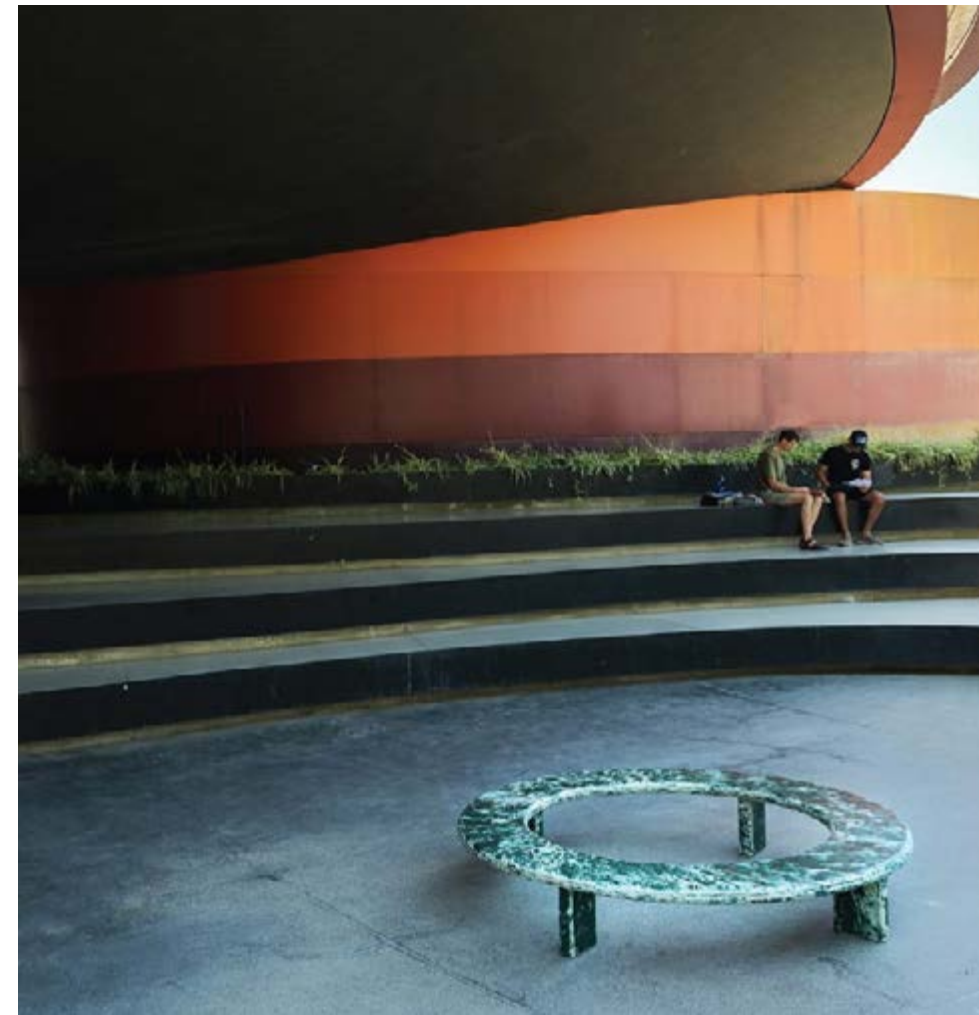
Other

- door
- balustrades, handrails
- ...

... and many others. Thanks to the possibility of customizing mixtures, we can create materials tailored to specific customer requirements (waste, key visual...)

Completed projects

Designed in collaboration with various designers from around the world. Successfully implemented projects in multiple locations.



More about completed projects: www.boomplastic.com/project

Products

Ready-made for implementation. They can be made from different materials and come in various colors.



More about products: www.boomplastic.com/product

How can we collaborate?

We care about effective and transparent cooperation.

- we advise design and implementation solutions
- we offer design services
- we have a network of proven partners in the field of design, material processing and assembly

1. Purchase of sheets

- SHEETS SAMPLES AVAILABLE: order via website
www.boomplastic.com
- depending on demand, we offer a discount system
- permanent cooperation possible on individual terms

2. Finished products

- we have a portfolio of our own test products that can be successfully implemented
- availability depends on the type of product
- each of them can be made in any material composition

3. Training/events

- we offer development and implementation of internal training
- we are happy to take part in events related to circular materials and design

4. Joint R&D

- we can develop individual sheet designs
- we undertake comprehensive processes in accordance with the idea of „material centered design”

5. Cooperation with architects

- we advise and train in the design and processing of Boomplastic sheets
- handling orders on individual terms
- project consultations regarding the possibility of using Boomplastic material
- texture files available
- implementation support

Let's talk about possible terms of cooperation

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