

The background of the entire page is a complex marbled paper pattern. It features a mix of deep teal and forest green, muted greys, and off-white or light beige. The pattern is organic and fluid, with some areas showing more intense green and others more grey. There are also small, scattered specks of orange and brown, giving it a textured, almost stone-like appearance.

BOOMPLastic

_data sheet

We create large-format sheets and products made exclusively from recycled plastic waste and are 100% recyclable.

Sheet dimensions



2350 mm

1100 mm

Thickness

20 mm*

12 mm*

5mm*

Weight (depending on the material)

Approx. 50 kg

Approx. 30 kg

Approx. 12 kg

*Tolerance +/- max 2mm. In applications requiring very precise dimensions, we suggest surface leveling (CNC/thicknesser)

Physicochemical properties are closely related to the input material (PP/PE)

chemically and physically stable

easy to process and maintain

hard, flexible, durable

100% resistant to water, microorganisms, rust, does not absorb dirt

constant strong exposure to UV is not recommended (white materials may turn yellow)

constant and strong exposure to heat (above 90 degrees Celsius) is not recommended

short-term exposure to heat up to 150 degrees Celsius

thermal expansion can be 2 mm per meter with a change of 10 degrees Celsius

flammability: with constant exposure to temperature in the range of 200-600C the material melts and chars (flammability class E)

specific weight (depending on the material: from 0.91 to 0.96 g/cm³)

Endless possibilities of processing with standard tools

processing similar to wood, plywood, composite

solid structure (aesthetic and decorative edges)

precise CNC cutting, water; laser cutting is not recommended

possibility of welding with the same material

possibility of thermoforming, cold and hot bending

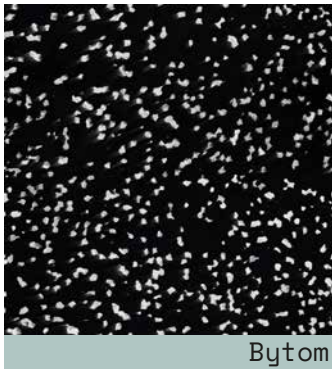
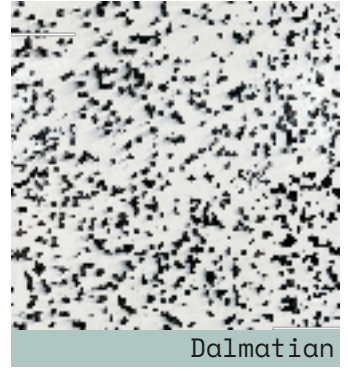
gluing is only possible with dedicated adhesives for plastics - no need for laminating, varnishing or coating

possibility of creating connections without fittings and mechanical elements

refinishing and refreshing the appearance: traces of use can be sanded to a satisfactory effect

Standard collection

Based on our experience and customer preferences, we have developed a collection of standard designs.



SPECIAL collection

We have developed original compositions using non-recyclable materials: marine fishing nets (ghost nets) recovered from the Baltic Sea and string widely used in agriculture.



CUSTOM designs

It is possible to develop your own material composition of the board (with a specific pattern, using your own waste, etc.). Depending on the complexity of the project, the price is calculated INDIVIDUALLY.

Uniqueness

The material from which we produce the sheets is a material derived from plastic waste from various sources (strings, packaging, caps...). Each pattern has a certain color tolerance precisely due to the different origin of specific regrinds and regranulates.

WOW effect guaranteed!

New organicity

We have been working with recycled materials since 2014. These materials are not completely free of impurities and inclusions. It may happen that an air bubble or an inclusion of a different color or impurity appears in the sheet. This is especially visible in the non-standard slabs in the SPECIAL collection.

Circularity

We cooperate with nearby, certified waste processors.

We try to use problematic and non-recycled materials.

Our sheets are made of only ONE TYPE of material, so they can be easily recycled.

The technological line is supported by specialists with many years of experience in developing advanced solutions for the industry.

We continue to search for a balance between the efficiency of the process and its tolerance for instability.

Waste-free production, but we use waste from cutting and processing, which is returned in the form of new sheets.

The material is very durable and will last many years in good condition.

Applications

- instead of furniture board (various types of furniture, countertops, finishes)
- as a construction element (furniture, small architecture)
- doors, wall coverings, partition walls
- as a decorative element (wall panels, lamps, installations, paintings)
- recreational and sports areas: swimming pools, spas...
- wherever water and moisture are a problem to keep clean
- small accessories and gadgets

Completed projects can be seen at www.boomplastic.com/project

We support in implementation

We help in selecting the right material, we provide assistance in design by verifying the possibilities of execution and advising proven solutions.

We recommend the implementation of projects in points that have already implemented more than one project with us. We have a network of proven Partners in Poland who have experience in working with Boomplastic sheets.

Delivery times

From 7-30 days from the payment of the order.

The delivery time depends on the type of the selected plate (standard/SPECIAL collection) and the complexity of the project (CUSTOM).

Orders

...via direct contact (email, ig, phone) and through sales points at our Partners.



SHEET, PROJECT, PRODUCT

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