



# BLACK ROCK

The name says it all. This beautiful material is deep black, hard like a rock and stiff like a board.  
Excellent for constructive applications.



## **MATERIAL GUIDELINE**

Material: PS  
Finish: Satin  
Thicknesses: 9mm ( $\leq 1$  mm)  
Size: 800x800mm + extra margin ( $\approx 30$ mm)  
Stiffness: High  
Scratch resistance: High  
Moisture absorption: Minimal  
UV resistance: Low (can be coated)  
Max. temperature: 70° C  
Density:  $1,06 \cdot 10^3$   
Linear expansion: 0,08mm/10° C  
Flamability rating: HB  
Virgin material: 0%  
Recycled material: 100%

Our sheets have an oversize margin of a couple of centimeters and come with rough edge straight from the mould. Note that they need to be cut clean before working. Plasticiet can easily be: cut (using woodworking sawblades), milled, drilled, threaded, countersunk, sanded (using orbital random sanders), chamfered, waterjet cut or screwed. Ask us about glueing possibilities.

We advise you to: use sharp tools, move fast, use low rotary speeds, pre-drill before screwing and use a constructive base material when applying horizontally (tables, shelves etc.)

We would like to inform you that our samples and images serve as a material impression and might look different on a bigger scale. Though we try hard to prevent this the actual material might sometimes contain air pockets, small pits on the surface, colour impurities or a small containment of another material. The Material Guideline provided is indicative as due to the recycled origin Plasticiet cannot guarantee the pureness of the product provided. We imply that you use the Material Guideline not as datasheets or certificates but as guidelines because they might not completely represent our product. No rights can be derived from this information.



# RHINESTONE WHITE

The new age material is born, combining Italian chique with modern day fresh funk. The coloured rhinestones find their origin in the urban mines of Belgium, collected by Suez and sorted with their state of the art infrared scanner. Sorting of colours for a personalised material can be done by Plasticiet for an additional fee.



## MATERIAL GUIDELINE

Material: LDPE - HDPE  
Finish: Matte  
Thickness: 7mm ( $\leq 1$  mm)  
Size: 800x800mm + extra margin ( $\approx 30$ mm)  
Stiffness: Low  
Scratch resistance: Low  
Moisture absorption: Minimal  
UV resistance: High  
Max. temperature: 71° C  
Density:  $0,94 \cdot 10^3$   
Linear expansion: 0,17mm/10° C  
Flamability rating: Ed2 (certified)  
Virgin material: 0%  
Recycled material: 100%

Rhinestone is a special kind of material so there are certain things we'd like to disclaim here under:

- \* The material has a more bumpy/hilly surface than our other products and is more sensitive to warpage.
- \* Sometimes - yet not often - a coloured chunk might delaminate.
- \* It has a higher chance of containing air bubbles compared to our other products.

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# CHOCOLATE FACTORY

Just as magical as Charlie walking around in lavish candy gardens. Magically scratch resistant, colourful and soft like a baby's skin. If you look long enough you might just hear a song popping up...

A perfect material for public spaces, perhaps an elevator? Against all prejudices; very easy to work with!



## **MATERIAL GUIDELINE**

Material: PC

Finishes: Matte, satin or polished

Thickness: 10mm ( $\leq 1,0$  mm)

Size: 800x800mm + extra margin ( $\approx 40$ mm)

Stiffness: High

Scratch resistance: High

Moisture absorption: Minimal

UV resistance: Medium

Max. temperature: 80° C

Density:  $1,20 \cdot 10^3$

Linear expansion: 0,68mm/10° C

Flamability: HB

Virgin material: 0%

Recycled material: 100%

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Made from discarded buckets, turning disposables into a classic.

This panel is soft to the touch and can be bended on smaller thicknesses. Great for non-constructive purposes.



## **MATERIAL GUIDELINE**

Material: LDPE - HDPE

Finish: Matte

Thicknesses: 8mm or 15mm ( $\leq 1,0$  mm)

Size: 800x800mm + extra margin ( $\approx 30$ mm)

Stiffness: Low

Scratch resistance: Low

Moisture absorption: Minimal

UV resistance: High

Max. temperature: 71° C

Density:  $0,94 \cdot 10^3$

Linear expansion:  $0,17\text{mm}/10^\circ\text{C}$

Flamability rating: HB

Virgin material: 0%

Recycled material: 100%

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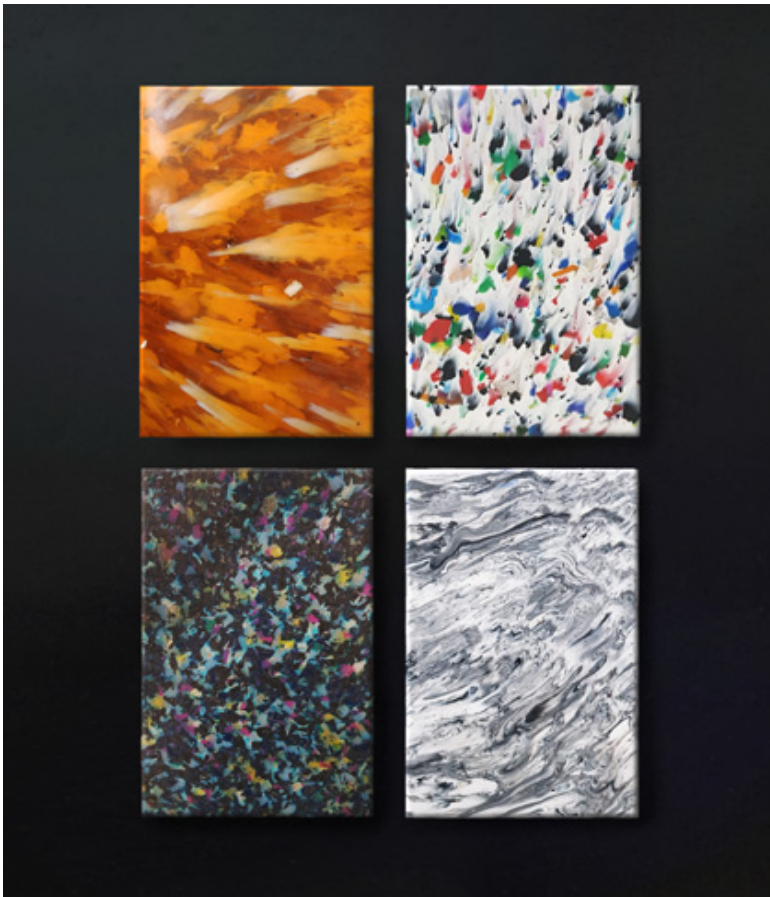
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We offer the service to create bespoke sheet material next to our collection pieces.

Here you can find information you require to set up the process of your own personalised recycled plastic material.



## **BESPOKE WORK GUIDE**

### **Option 1: Your Own Waste**

If your company has a plastic waste source you want to have turned into sheet material we need to know: How much is it? What kind of plastic is it? Is it shredded or not? Is it sorted by colour? For viability testing we then require 15 kilograms of material.

### **Option 2: Custom Colour Schemes**

We are able to source different kinds and colours of plastic waste material at our suppliers and we have some in stock. What we need to know to continue: What kind of colour scheme do you wish? Do you want to have a marbled or terrazzo result? How many sheets do you require? A moodboard or inspirational images also help.

### **Option 3: Collection Adaptation**

We are also able to slightly adapt our collection pieces. What material are you interested in? What would you like to change for your project? How many sheets do you require?

The process of bespoke material development does not guarantee success. We are often able to see if the production will be viable during initial testing, though sometimes problems arise during scaling to full size. We try hard to prevent failure and always strive for a successful material. We test until we succeed or until both parties agree that the trials have failed. The final material might sometimes contain air pockets, small pits on the surface, colour impurities or a small containment of another material. No rights can be derived from this information.

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