Smile Plastics

Bespoke Brochure
Bespoke Materials

We work with a diverse set of businesses to create custom panels. We are able to create materials exclusively for you from a range of different waste streams and using a wide variety of colour palettes.

Materials

Materials we have worked with: thermoplastics (e.g. HDPE, PET, HIPS), paper, textiles and organic materials like tea, spices and coffee grounds.

Properties

If you require specific technical properties for your material e.g. tensile strength or fire resistance we may be able to meet your needs.

Dimensions

At the moment our standard dimensions are 2m x 1m in 5mm, 12mm and 20mm. If you require a different thickness, this might be something we can offer subject to minimum orders or a tooling charge.
Classics Alteration

It is possible to make alterations to our Classics range. We can add colour washes, introduce different coloured flecks, vary the amount of flecks and embed with other materials.
Washes

We are able to create materials that have ‘washes’ of colour. The surfaces can be distressed to uncover the material within.
Embedding

There are possibilities for embedding items into the materials; such as foil, paper, goldleaf, metallic dust along with other organic materials.
Solid Colour

If it is a plain colour that you are after then we can cater to your preference with a large range of colours and pigments available.
Transparency

We can work with different transparent plastics, adding pigment and embedding materials.
Patterns

If it is a certain type of pattern that you are after then we can influence the resulting pattern of our panels.
Metallics

Similar to how we can cater to colour preference we can also introduce metallic colours using varied approaches.
New Materials

We have experience of recycling a variety of plastic types as well as paper and other organic materials.
How It Works

1. Send us your requirements for a bespoke material for us to review and assess feasibility. You may also want to create a mood board to provide creative direction.

2. We will create one or a series of test tiles ca. 15x15cm at a 5mm thickness to develop the material and process (charge is £100+VAT per test tile for the R&D process, though discounts apply for ongoing material and colour development projects).

3. Test the material for large-scale production (if necessary).


Lead Time

Please note there is usually a 3-6 month lead time for bespoke projects.

Cost

The costs vary substantially depending on the work required but start at £350 + VAT per panel.
Smile Plastics

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Sanremo's Verde Coffee Machine - Material made from waste coffee grounds

Bloomberg Office - Material made of computer keyboards
Selfridges Christmas Display - 'Confetti' material