

SMILE PLASTICS



OUR
MATERIALS

WASTE MADE WONDERFUL.

Smile Plastics is a materials design and manufacturing house based in South Wales, creating 100% recycled and 100% recyclable handcrafted panels. We challenge ideas about “waste” and the system that creates it.

We are able to produce our materials 24 hours a day, seven days a week, diverting 1,500 tonnes of plastic waste in a year. And this means more material choice, and shorter lead times, so that regardless of the size, scale, or turnaround of your commercial project, we can meet your needs.

Our panels and buyback scheme have inspired designers and specifiers around the world to adopt a circular model. They have been used in all sorts of ways - from small products to large scale installations and fit outs, in both commercial and residential settings.



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GET STARTED

BENEFITS

Highly versatile

Wide range of applications, from store design to washrooms, office or living spaces

Unique

Good consistency between panels, but each one will have its own distinct pattern

Sustainable

100% recycled and 100% recyclable

Easily cared for

The materials are easy to work with, clean and maintain. Please refer to our technical guidelines for detailed information

No VOC off-gassing

Our materials are made from chemically inert recycled plastics. There may be trace levels of VOC, as well as aromas from the products' previous life

MATERIAL PROPERTIES

Hard, dense and rigid

Though we can produce softer, rubber-like Custom materials

100% waterproof

Mould and weather-resistant

Solid and consistent

Allowing you to have a solid and consistent decorative edge

Moderate scratch resistance

It can be refinished

Moderate UV resistance

Except our Alba and Heron material, which can be refinished to restore its original aesthetic

Reshaping

Can be heat formed into shapes

Finishing

Matt / planed finish and can be polished

POTENTIAL APPLICATIONS

Hospitality design

Countertops, tabletops, partitions, bathrooms, toilet cubicles

Bathrooms and washrooms

Bathroom panelling, wet rooms, cabinet doors, splashbacks, counters, bathroom furniture and shelving

Office design

Tabletops, shelving, seating, bathrooms

Retail design

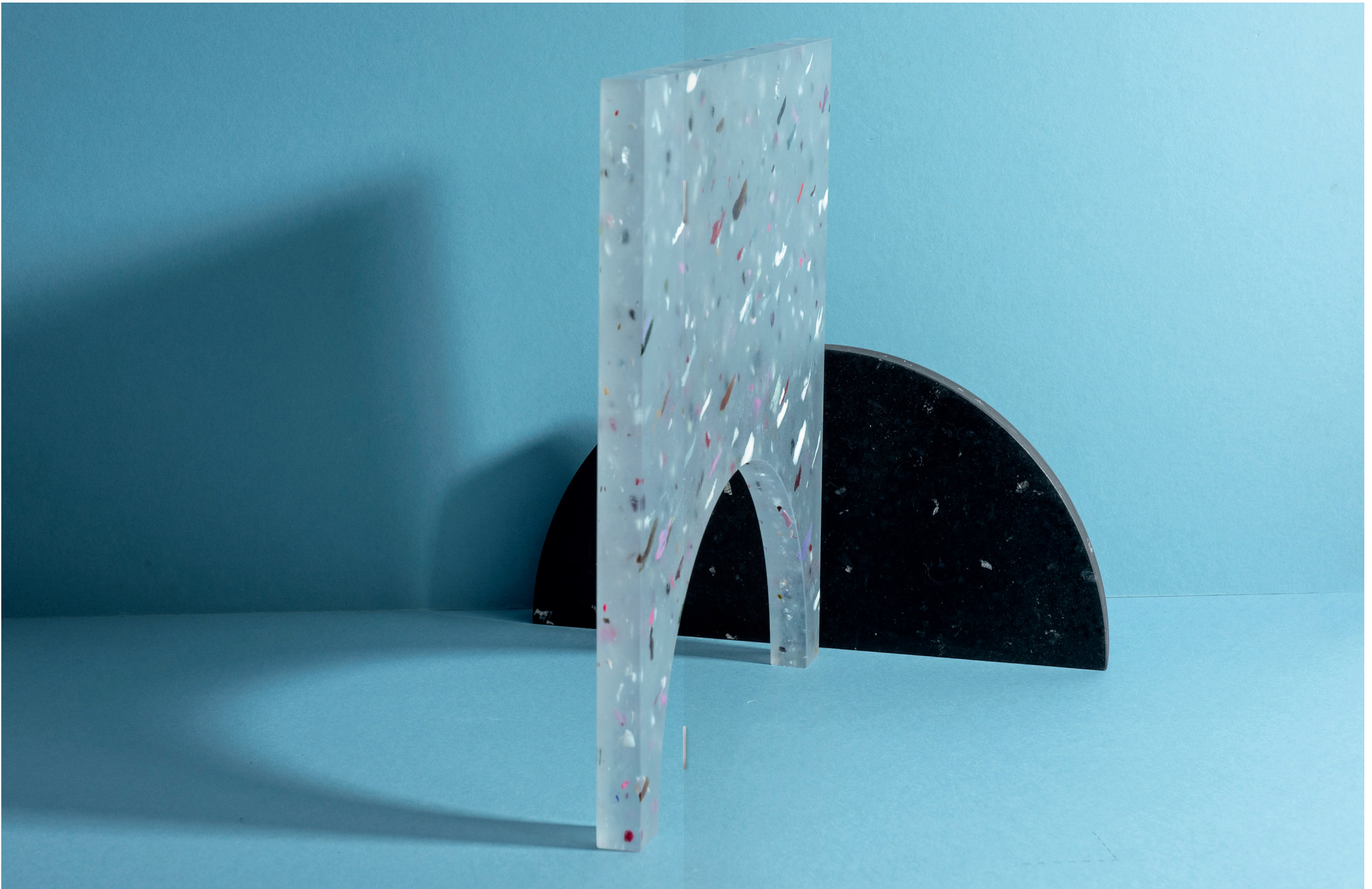
From visual display, and retail windows to furniture and jewellery design

Residential settings

Panels, countertops, cabinetry, dining tables, both indoor and outdoor

Store and exhibition design

Plinths, display counters, cabinets, signage, partitions and furniture



SUPERSIZE PANELS

3000 x 1200mm panels

Say hello to our Supersize panels standing at a colossal 3000mm high and 1200mm wide.

7

↓ 20mm Heron and custom Apricot



MATERIALS

PANEL INFORMATION

We are a batch manufacturer using craft techniques to make our products. Bags of raw materials received from our verified suppliers are sorted, quality checked and graded in-house. Then, like whiskey makers, we create a unique recipe for each batch, blending what is available to within a defined tolerance. The patterns in our surfaces can therefore vary between batches, and some light trace marks from the manufacturing process may be present on one side – please specify a double-sided finish should you wish to avoid this.

Please make sure you read our handling instructions and data sheets to ensure these materials are suitable for your intended use, and do get in touch if you have any queries about using Smile Plastics products for your application.



Dimensions

3000 x 1200mm, 1500 x 1200mm.

Thicknesses

5mm, 12mm, 20mm.

Prices and Lead Times

Please email us to enquire at info@smile-plastics.com or visit the [Get Started](#) page on our website. Expect a 1-6 week lead time for most orders.

Shipping

We are able to ship internationally, within and outside of Europe, as individual packages or pallets. Please email info@smile-plastics.com for a quotation.

MATERIALS

EARTH COLLECTION

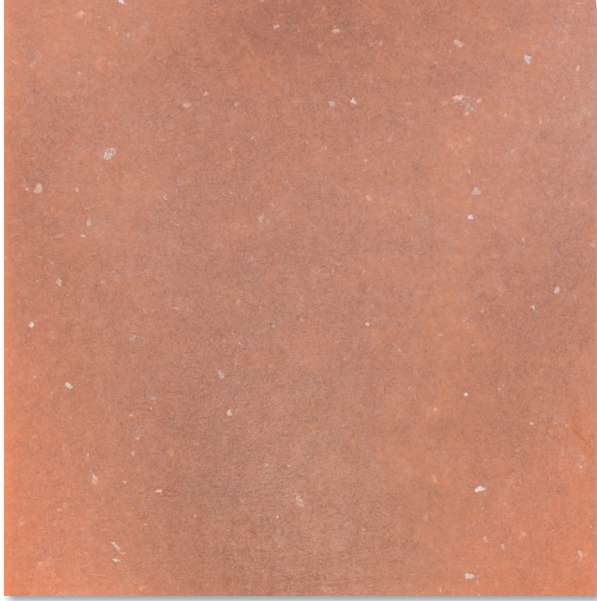
Our new Earth Collection embraces the nuanced, intricate patterning found in the fine detail of solid natural matter. Driven by a desire to celebrate our natural surroundings in all their many facets, while encouraging a change in the perception around how synthetic materials could or should look, our Earth Collection offers you greater choice for commercial interior schemes.

With a pared back colour palette offering comfort and reassurance, and inspired by our beloved Welsh countryside, waterways, hills, and caverns, there's a solidity about this collection that seeks to ground us while forging a connection between people and the planet. Whether used in collaboration, or as a single material focal point, these six colour options offer a steadying, positive presence with the ability to work harmoniously in any setting.



QUARRY

Made from plastic packaging



A rich red shade sets the tone for Quarry, a new surface material made from 100% recycled plastic. With a visual appearance that sits between lava and volcanic sediment, tonally reminiscent of the sea-soaked beach at Black Rock Sands, this fiery surface solution – with lighter specks of the materials' former life glinting through for added impact – blazes a trail in terms of what's possible when creating organic-inspired commercial interiors products for your next scheme.

Available in thicknesses of 5mm, 12mm and 20mm.

10

↓ Full sheet, 2000 × 1000mm



MATERIALS



↑ 20mm Quarry flat lay
by Smile Plastics

↓ 20mm Quarry flat lay by Smile Plastics



BRECON

Made from plastic packaging



Our Brecon material has a speckled base palette of golden yellow, light greys and white, giving off a calming, natural aesthetic, which subtly evokes the outdoors and casts the mind to the soft reeds that line the Severn's riverbank. Rather than clamour for attention, Brecon's understated combination of hues works seamlessly with its surroundings, reflecting nature's astute ability for achieving perfect balance.

Available in thicknesses of 5mm, 12mm and 20mm.

12

↓ Full sheet, 2000 × 1000mm



MATERIALS



↑ 20mm Brecon in flat lay
by Smile Plastics

↓ 20mm Brecon flat lay by Smile Plastics



GREY MIST

Made from plastic packaging



Come walk with us, amidst the rolling mist and the hushed hills...

Sorry for waxing a bit lyrical there, but it's only because the (drama queen) Grey Mist was inspired by walks in the Welsh hills close to where Smile Plastics are headquartered. It's a beautiful area, full of natural poetry.

So, put your cynicism to one side and let your imagination wander. Don your wellies, pack your woollies and thermos, and use Grey Mist to create your own landscape.

Available in 5mm, 12mm, 20mm thickness.



↓ Full sheet, 2000 × 1000mm



MATERIALS

GREY MIST

↓ 20mm Grey Mist and Charcoal surfaces for Silo London – the world's first zero waste restaurant. Designed by Nina Woodcroft, photography by Sam Harris



M,AW'N'

Made from plastic packaging



The deep, earthy hues of Mawn are reminiscent of the peatlands of the Welsh countryside. Supporting key habitats, and providing a natural carbon store for climate regulation, these fabled environments have provided a constant source of inspiration for stories, songs, and now, surface materials.

Thanks to its solid colour distribution, Mawn, created from discarded, 100% recycled plastic, has been crafted to work harmoniously with all elements of a commercial interior design scheme, evoking the calm and comfort of our beloved outdoors wherever it sits.

Available in thicknesses of 5mm, 12mm and 20mm.

16

↓ Full sheet, 2000 × 1000mm



MATERIALS



↑ 20mm Mawn flat lay
by Smile Plastics

↓ 20mm Mawn flat lay by Smile Plastics



SLATE

Made from plastic packaging



With a nod to the slate quarries and caverns rooted in our Welsh heritage, our new Slate material comprises a palette of deep mossy green with glimmers of white. Taking visual inspiration from the nuanced tones of earthy material matter, subtle detailing, created through Slate's unique material mix, results in a dynamic, engaging textural effect suited to contemporary commercial interior schemes.

Available in thicknesses of 5mm, 12mm and 20mm.

↓ Full sheet, 2000 × 1000mm





↑ 20mm Slate flat lay
by Smile Plastics

↓ 20mm Slate flat lay by Smile Plastics



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LIMESTONE

Made from plastic packaging



Channelling the cool, calming attributes of natural stone, our Limestone material offers a pared back beauty – slightly rugged and weather-beaten – just like the boulders you might expect to find atop the remote peaks of the Brecon Beacons or The Black Mountain Range.

Limestone takes inspiration from, and respects, the natural environment. Subtle in appearance with flecks of white in amongst grey/pink tones, layers upon layers of understated detail – the likes of which you'd expect to find in nature – make Limestone a dynamic choice for commercial interior schemes.

Available in thicknesses of 5mm, 12mm and 20mm.

20

↓ Full sheet, 2000 × 1000mm



MATERIALS



↑ 20mm Limestone flat lay
by Smile Plastics

↓ 20mm Limestone flat lay by Smile Plastics

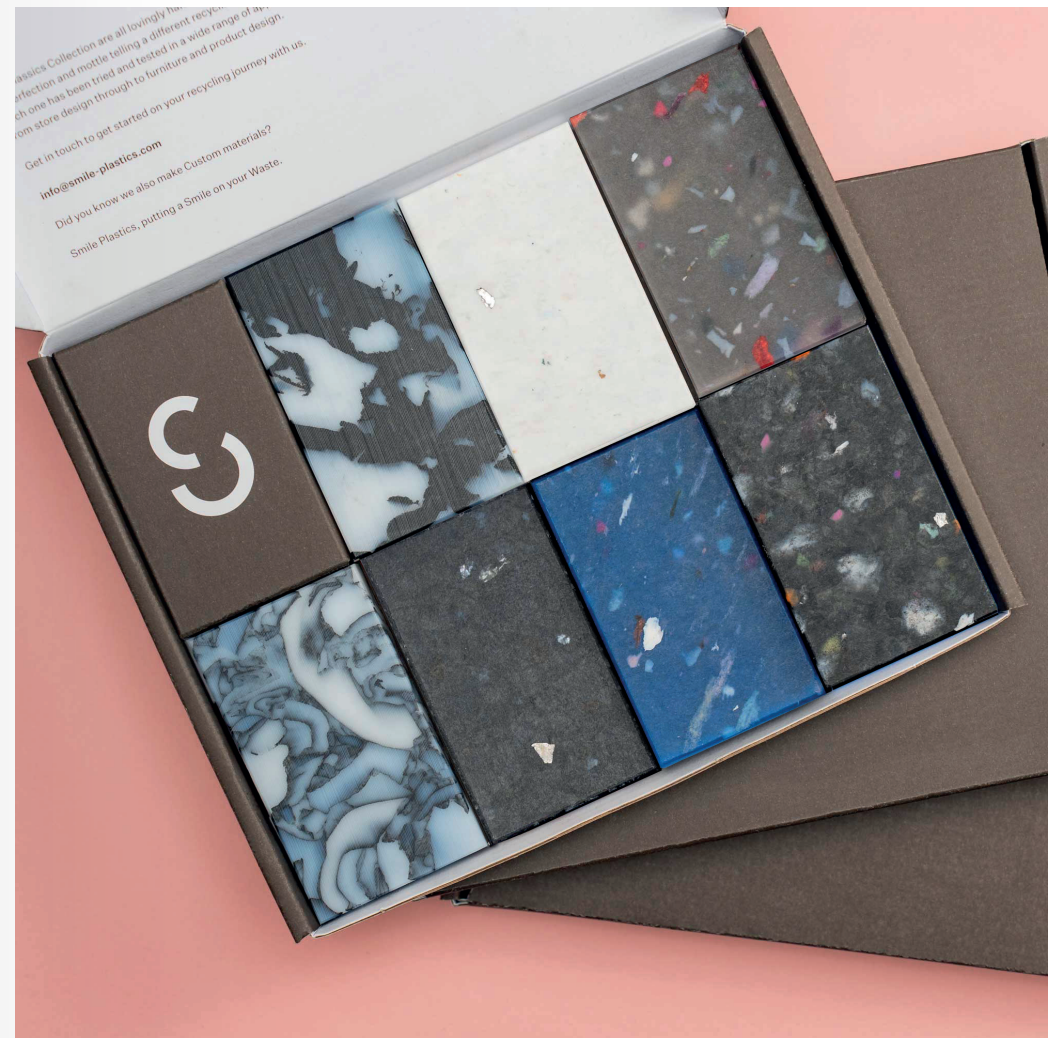


CORE COLLECTION

The materials in our Core Collection are made from would-be waste, such as discarded chopping boards, cosmetics bottles, and yoghurt pots. Each sustainable plastic material is available in two sizes, supersized or large, making them perfect for a variety of projects.

Panels are supplied with a single-sided semi-matt finish as standard, or can be finished for double-sided applications at an additional cost. There will be some variation in pattern between batches—all part of their charm.

Elements of the Welsh coast and countryside, with all its irregularities and nuances, can be seen in the beautifully unique, low carbon, sustainable materials we produce. Every surface tells a different story. And that's something we champion and celebrate.



ALBA

Made from waste yoghurt pots



Made from the humble kitchen cast-off, your yoghurt pot, Alba is our best-selling material and you can see why. Sophisticated, luxurious and highly versatile in appearance, this interior staple 'goes with anything' transcending time and trends.

With its white, marble-like surface and hints of gold and silver (from yoghurt pot foil), Alba isn't just easy on the eye, it's easy to use too.

Available in 5mm, 12mm, 20mm thickness.

↓ Full sheet, 2000 × 1000mm





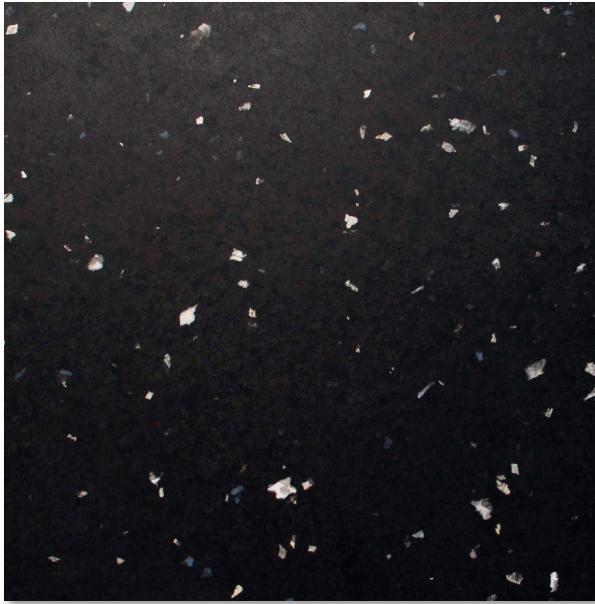
↑ 20mm Alba surfaces HJEM Coffee, Belfast.
Design by BTS Concept Store
Photography by Elyse Kennedy

↓ 20mm Alba tabletop for At Atelier C/O Robert Wood in Birmingham, Photography Tom Bird



CHARCOAL

Made from plastic packaging



Charcoal is a Classics material with white streaks giving it a “zhuzh” that draws the eye in. We’d say stars at night or gracefully smudged chalk on a blackboard.

What about you? Whatever it says to you, Charcoal is a versatile canvas for your design. Perfect for quietly making a statement, it can also be backlit to bring the details in the pattern out even more.

Charcoal is made from reclaimed medical equipment, combined with “waste” food packaging. Could it be just what the doctor ordered?

Available in 5mm, 12mm, 20mm thickness.

25

↓ Full sheet, 2000 × 1000mm



MATERIALS

CHARCOAL.

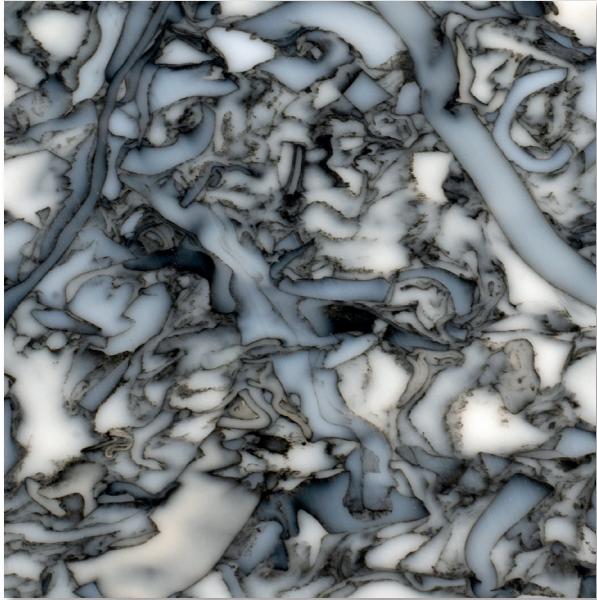


↓ 20mm Charcoal. Totem Stool by Michael Marriott for Ace Hotel's Ready Made Go project



BLACK DAPPLE

Made from chopping boards
and plastic packaging



We think this beauty looks like a cross-section of marble. The intense black colour of its base contrasts with the weave of white veins. Playful yet sophisticated, Dapple's high contrast pattern gives it a lively personality that evokes the material's millions of years of biological, geological and manmade processes.

Available in 12mm and 20mm thickness.

↓ Full sheet, 2000 × 1000mm



BLACK DAPPLE



↑ Black Dapple used for Old Scuola, image by Jurgen Jacob Lodder

OCEAN

Made from plastic packaging



It's easy to feel a bit blue about plastic in the oceans. Our Ocean material gets into the heart of the matter, by keeping plastic in our economic system we are doing a small bit to preserve marine beauty. Like all our panels, Ocean should stay beautiful for future generations to come.

Available in 5mm, 12mm, 20mm thickness.

↓ Full sheet, 2000 × 1000mm



OCEAN



↑ 20mm Ocean tabletop, by Lords of Poke

↓ 20mm Ocean tabletop, by Lords of Poke



COSMOS

Made from plastic packaging



An intergalactic combination of expansive monochrome and explosive bursts of brilliant colour, our reimagined Cosmos is an otherworldly delight. Though its appearance may be ethereal, its ingredient mix was sourced here on Earth, comprising a base of 100% recycled plastic packaging that has flexed in response to raw material supply. The dynamic visual pace of Cosmos makes it appear to have been painted, with its splatters and splashes of bold colour reflective of the vigorous process in which it was created. When it comes to transforming waste into wonder, Cosmos proves the sky doesn't have to be the limit.

Available in thicknesses of 5mm, 12mm and 20mm.

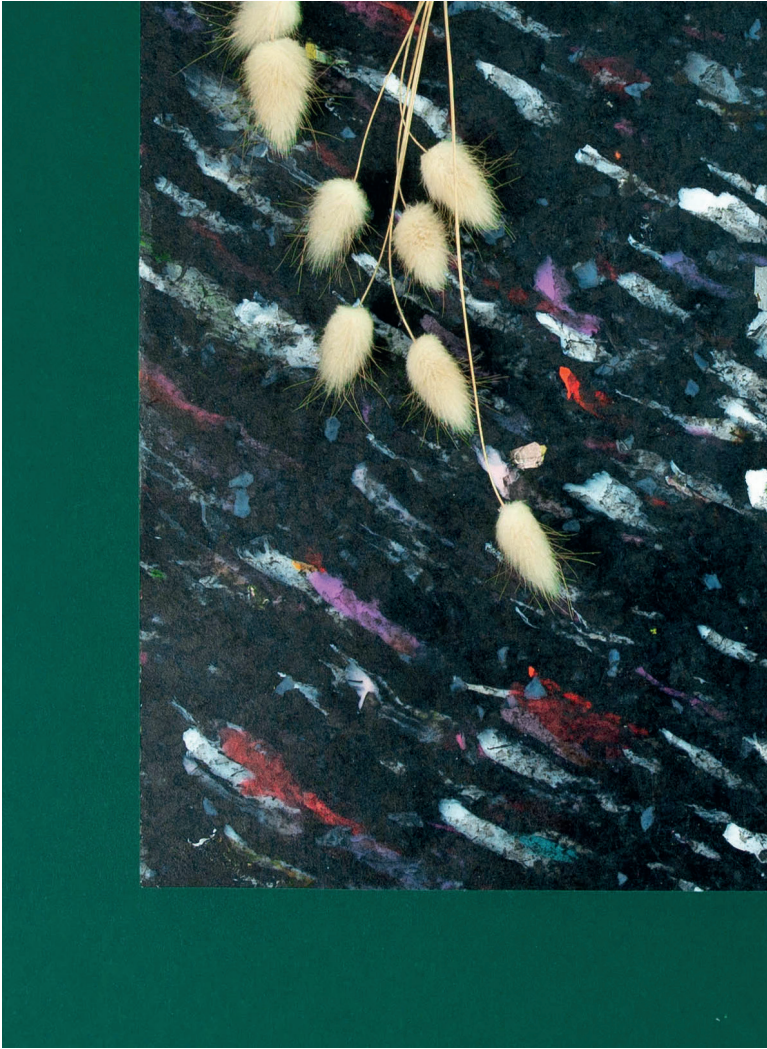
31

↓ Full sheet, 2000 × 1000mm



MATERIALS

COSMOS



↑ 20mm Cosmos flat lay
by Smile Plastics

↓ Cosmos in Application. Smile Plastics



SPECTRA

Made from plastic packaging



As its name suggests, Spectra is an illuminating product in every sense of the word. A translucent material created from PET packaging waste with elements of Kaleido, colourful, energetic fragments of Spectra's previous life running through its core.

The pairing of these flecks with an otherwise translucent aesthetic offers a moment of clarity. Spectra provides a nod to our current reliance on plastic PPE, while serving as a reminder of the polluted waterways that flow directly into our oceans. While its creation may be rooted in a rather uncertain present, this beautiful material undoubtedly lights the way to a brighter future.

Available in 5mm, 12mm and 20mm thickness.

↓ Full sheet, 2000 × 1000mm



SPECTRA



↑ 12mm Spectra bath panel
by Ed Boaden

↓ 12mm Spectra in Application by Smile Plastics



ORCA

Made from chopping boards
and plastic packaging

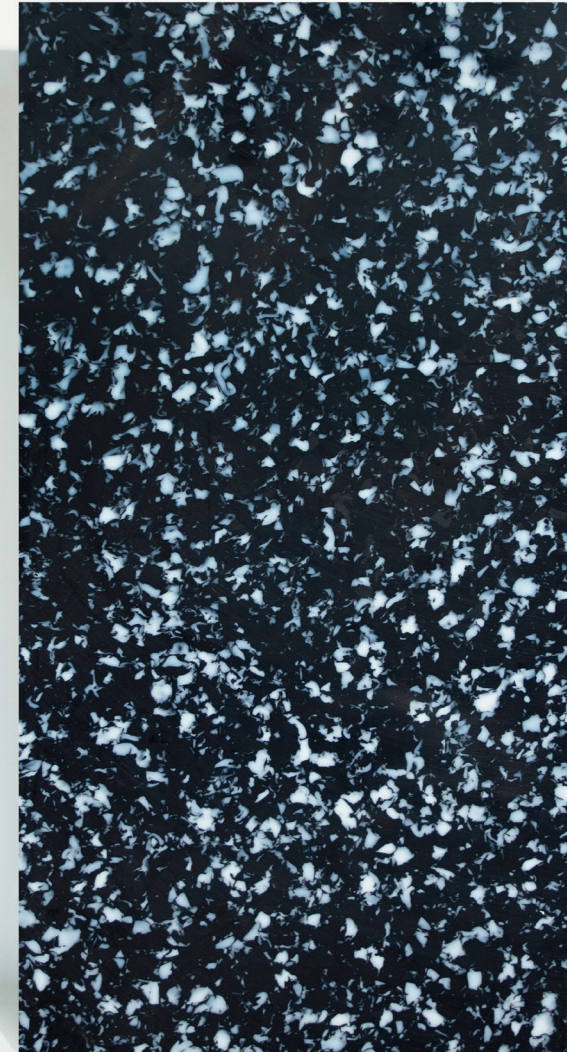


Whilst it shares the elegant, marble-like quality of the Dapples, we think Orca has a unique character and a striking style of its own.

Using a classic monochrome palette, the intensely dark base colour contrasts with patches of white, bringing depth and drama to the material. The result is a visually playful and bold aesthetic, very much inspired by one of our favourite sea creatures. Perhaps monochrome isn't so black and white after all?

Available in 12mm and 20mm thickness.

↓ Full sheet, 2000 × 1000mm



↓20mm Orca, 20mm PET in Apricot and Heron in a Custom Colourway, by Smile Plastics



HERON COLLECTION

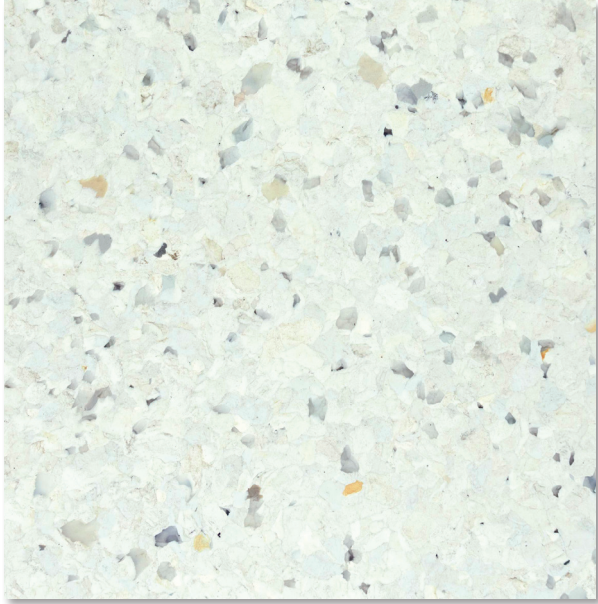


It's hard to imagine these materials have come from humble beginnings. In fact, they have been created from the staple kitchen fixtures we use every day.

Would-be discarded white goods make up the foundations of the Heron mix. Available in a range of beautiful nature-inspired hues, offering more variety for different commercial interiors and design schemes.

HERON

Made from white goods



With layered feathery soft grey tones, a smattering of yellow hues, warm ochre flecks, black and blizzard white, Heron has a unique aesthetic and colour palette that is less reminiscent of its original material make-up and more alike the appearance of the statuesque bird after which it was named.

Available in 5mm, 12mm, 20mm thickness.

↓ Full sheet, 2000 × 1000mm



HERON



↑12mm Heron flat lay by Smile Plastics

↓20mm Heron surfaces for Another Country



HERON DUO

Made from white goods



Design isn't black and white. And neither is Heron Duo. While a monochrome palette dominates, this new material features subtle glimmers of dynamic grey and pearl tones, alongside unexpected hints of rich ochre, for a truly unique palette that reveals something new at every glance.

Utilising discarded black plant pots and white goods in a twist on our popular Heron material, Heron Duo contributes to commercial interior schemes seeking to make a meaningful statement. As with all Smile Plastics products, Heron Duo wears its sustainability credentials, quite literally, on its sleeve, resulting in a contemporary spin on classic monochrome.

Available in thicknesses of 5mm, 12mm and 20mm.

40

↓ Full sheet, 2000 × 1000mm



MATERIALS

HERON DUO



↑ 20mm Heron Duo flat lay
by Smile Plastics

↓ 20mm Heron Duo flat lay by smile Plastics



HERON IN MARINE BLUE

Made from white goods



Featuring a breezy cool-toned aqua wash, with rippling hues from the big blue, Heron in Marine Blue is afforded a breath of fresh coastal air.

Although it may be unbelievable, this material has originated from such humble beginnings as discarded kitchen fixtures. With its varied colour palette made up of fantastic flecks of ochre, marine azure, and pearlescent white, here, would-be waste is transformed into a surface that's akin to the treasure of Triton's deep.

Available in 5mm, 12mm, 20mm thickness.

42

↓ Heron in Marine Blue full sheet, 2000 x 1000mm



MATERIALS

HERON IN MARINE BLUE



↑12mm Heron in Marine Blue
flat lay by Smile Plastics

↓12mm Heron in Marine Blue flat lay by Smile Plastics



HERON IN CHESTNUT

Made from white goods



A fiery palette infused with lightly spiced reds and rusty brown takes would-be waste on a journey of stirring transformation.

The heat has been turned up on the once neutral base of Heron's material mix, which originally started life as unwanted refrigerators, upping the aesthetic ante in the process. A peppering of grey and warm ochre adds to the melting pot of hues, which all work in harmony in this tantalising, solid surface solution.

Available in 5mm, 12mm, 20mm thickness.



↓ Heron in Chestnut full sheet, 2000 x 1000mm



MATERIALS

HERON IN CHESTNUT



↑12mm Heron in Chestnut flat lay by Smile Plastics

↓12mm Heron in Chestnut flat lay by Smile Plastics



HERON IN FIR GREEN

Made from white goods



With its roots planted firmly in nature, Heron in Fir Green takes creative cues from woodland for its refreshing colour palette of earthy khaki, muted sage, warm ochre, and pebble grey.

The material foundations for this surface couldn't have been drawn further from the forest, but through the power of innovation, discarded kitchen appliances are given a new lease of life that draws on the calm and beauty of our natural surroundings, while offering a practical surface solution for comforting commercial interiors.

Available in 5mm, 12mm, 20mm thickness.

46

↓ Heron in Fir Green full sheet, 2000 × 1000mm



MATERIALS

HERON IN FIR GREEN



↑12mm Heron in Fir Green
flat lay by Smile Plastics

↓12mm Heron in Fir Green flat lay by Smile Plastics



HERON IN BUTTERSCOTCH

Made from white goods



Exuding an earthy warmth, Heron in Butterscotch boasts a dappled palette of tawny brown, terracotta, and soft apricot, all infused with vibrant undertones of vivacious orange.

Beginning its life as white goods, the since discarded material that lays the foundations for the Heron mix takes on a whole new appearance with this colour wash. Much alike the hues found in sophisticated, sand blasted marble, the sun-soaked combination is guaranteed to brighten up interior schemes.

Available in 5mm, 12mm, 20mm thickness.

48

↓ Heron in Butterscotch full sheet, 2000 × 1000mm



MATERIALS

HERON IN BUTTERSCOTCH



↑12mm Heron in Butterscotch flat lay by Smile Plastics

↓12mm Heron in Butterscotch flat lay by Smile Plastics



AESTHETICS

DETAILS

What materials are you interested in?

Please specify the material/s you would like to work with on your project.

What is the end-use?

If we know this, we can advise which materials and thicknesses would be best for your application.

How much material do you need?

Is this a one-off order, or will you need lots of material over a long period of time?

Do you need specific properties from the material?

Check the material properties on page 4 or get in touch to speak with one of our technical advisors.

Where are you based?

Tell us where you are based so we can provide estimated shipping costs.

When do you need the order?

We like to work with our customers to deliver against their project requirements. Let us know your timescale to be able to provide the best options from stock or to be made for your order.

Do you need cutting, finishing or edge finishing? Fabrication?

We offer Wall Saw and CNC routing, as well as surface and edge finishing. Tell us your project needs and we can advise and add these details into your quotation. If you require fabrication, we have a number of fabricators who regularly work with our materials to create the most amazing forms, let us direct you.

↓ 20mm Heron shape by Smile Plastics



Ready to Go? Visit our website or connect with our Customer Service team via info@smile-plastics.com or on +44 (0)1792 381 370

MATERIALS REIMAGINED



Certificate Number 19268
ISO 9001, ISO 14001