

# GROWTH

A new chapter  
in sustainable design



**polygood**

by the good plastic company



Product Design  
Consultant

**Gensler**





## ABOUT **THE GOOD PLASTIC COMPANY**

The Good Plastic Company is a mission-driven organization that repurposes plastic waste into usable materials. The company produces sustainable surface materials using 100% recycled and recyclable plastic under its Polygood® brand for the architecture & design (A&D) industry. Polygood® panels are utilized in the creation of contemporary, environmentally-conscious furniture and interior/exterior design elements. We operate on a global scale because sustainable solutions are required worldwide. As the most innovative producer of 100% recycled and recyclable plastic panels, we currently operate across eight locations with two factories in Europe. Since 2018, we have partnered with industry giants like Nike, Samsung, Adidas, Coach, LUSH, McDonald's, and major international design and architecture firms such as Perkins&Will, MVRDV, Gensler, and M Moser to complete over 1000 projects to date, spanning the globe from Tokyo to San Francisco.

### **Our mission: sustainable design materials**

The company's journey began with finding a purpose for the 400 million tonnes of plastic waste produced globally every year. We knew that interior furniture, fixtures, and equipment account for 7-10% of a building's overall carbon footprint. They can go on to equal, if not exceed, the footprint of a structure's construction over the course of an average building's lifespan. It became our mission to help A&D industry replace traditional materials like virgin resins and other non-sustainable options for commercial projects.

The answer is Polygood®, a beautiful surface design material — built to last and fully recyclable at the end of its lifespan. Creating such a versatile design material has required us to develop advanced technology in-house. Our proprietary equipment collects a wide array of data parameters during processing, including temperature and melting points, pressure, time, and melt flow index. This gives us a degree of control that is unique in the market, enabling us to ensure the highest quality products from recycled material and to manufacture at scale.

### **Our philosophy**

Practicing sustainability does not stop at circular manufacturing operations and using recycled materials. It is inherent to our vision, to how we work with people and interact as a team. We proactively address our clients' needs by meeting their challenges with solid research, development, efficiency, abundant stock with consistent designs, and flexibility at every stage. Our dedicated specialists establish strong relationships with architects and designers, develop efficient production processes, and often work hand-in-hand with customers to craft custom patterns.

Our business environment is founded on principles of respect and mutual support, valuing each team member as we remain dedicated to the company's growth. Ideas, participation, and decision-making come from consulting personnel at every level of our organization.







## POLYGOOD® PANEL SPECIFICATIONS



### Dimensions:

2800 x 1400 mm (110" x 55")

### Thicknesses:

12 mm (½")

19 mm (¾")



Note: All imperial measurements provided in parenthesis throughout this document are approximate and based on the metric equivalents.







# GROWTH COLLECTION:

INSPIRED BY NATURE. CREATED TO PRESERVE IT.

Sustainability is no longer an option – it's a priority. The Good Plastic Company, in collaboration with Gensler, serving as product design consultant, embraces the future of recycled materials and presents a collection that reflects the elements around us, designed to keep nature in balance while forging something new and beautiful from existing materials.

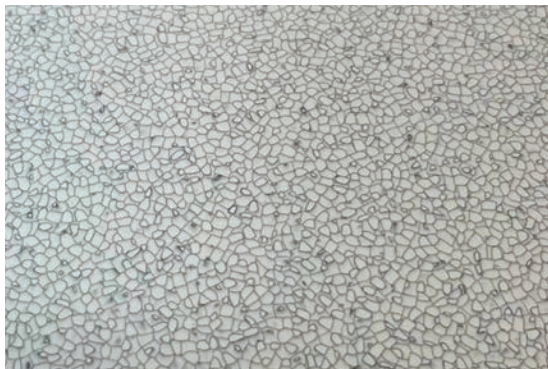
With the Growth collection of Polygood®, The Good Plastic Company embraces the future of low- and no-carbon materials. Made from discarded refrigerators, computer electronics, and CD cases, Growth transforms remnants of the past into the surfaces of tomorrow. Composed of post-consumer and post-industrial plastic waste, the panels are enhanced with accents from old refrigerators, washing machine

enclosures, industrial spools, and consumer electronics. Choosing Growth in your designs can save up to 13 lbs of CO<sub>2</sub> per square foot, potentially reducing a project's footprint by 10-12 tons of CO<sub>2</sub>.

Growth encapsulates nature's beauty in eight distinct patterns—Cliff, Oyster, Pebble, Midnight, Pumice, Frost, Gossamer, and Haze—each evoking organic textures and elements. From the intricate details of tree bark and leaves to earthy, sandy finishes and reflective surfaces, these designs mirror the essence of rivers, lakes, and oceans, bringing a sense of natural harmony to any space.







#PS2602  
**CLIFF**

Origin: home appliances



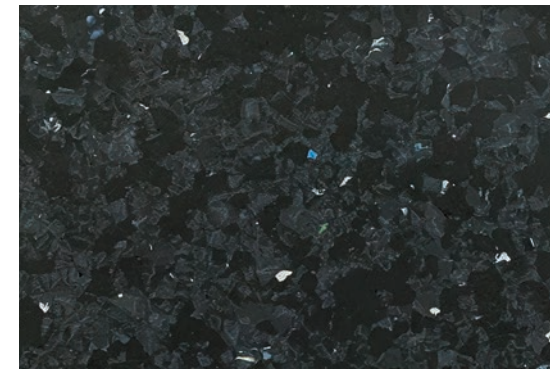
#PS2701  
**OYSTER**

Origin: refrigerators and consumer electronics



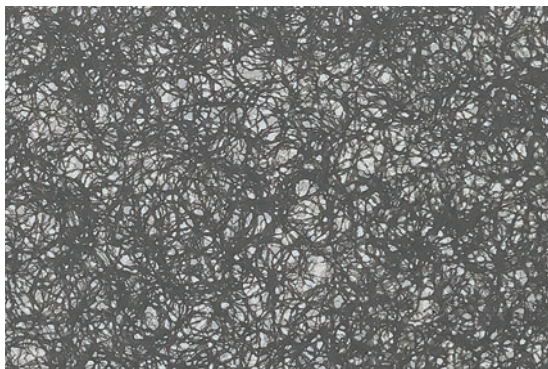
#PS1906  
**PEBBLE**

Origin: refrigerators and CD cases



#PS1707  
**MIDNIGHT**

Origin: spools



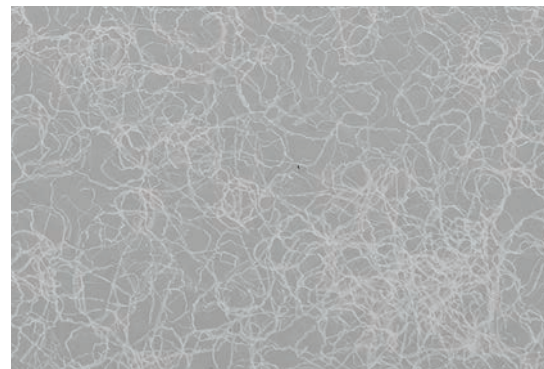
#PS2405  
**PUMICE**

Origin: refrigerators and home appliances



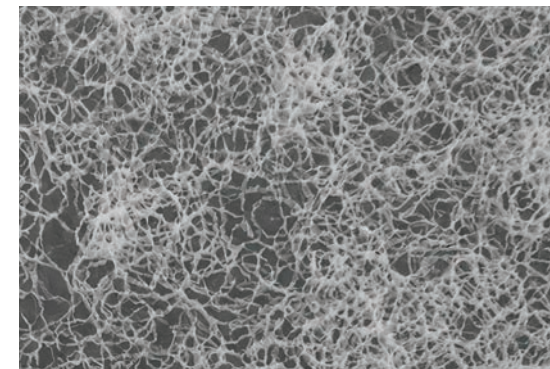
#PS2603  
**FROST**

Origin: refrigerators and home appliances



#PS2406  
**GOSSAMER**

Origin: home appliances, CNC shavings



#PS2407  
**HAZE**

Origin: home appliances, CNC shavings





PROJECTS FEATURING **THE GROWTH** COLLECTION

**OLO Table**

A sculptural collaboration between Joe Doucet and The Good Plastic Company. The table features sweeping curved legs, a seamless monolithic top, and precise CNC joinery — combining expressive form with circular design principles. Presented at Shelter during NYCxDDesign 2025.



**Float Micro Table**

A height-adjustable compact table designed by Humanscale, a global leader in ergonomic furniture and workplace innovation. Created with a focus on material innovation, it brings together clean aesthetics and everyday functionality.



#PS2701  
**OYSTER**





**COFFEE TABLES**



**POLYGOOD® APPLICATIONS**



**BAR TOPS**





POLYGOOD® APPLICATIONS

# RECEPTION DESKS







# RESTAURANT TABLE TOPS







## CONFERENCE TABLES



## POLYGOOD® APPLICATIONS



## RETAIL DISPLAYS



POLYGOOD® APPLICATIONS

# KITCHEN ISLANDS



# DESKS







## A **SUSTAINABLE**, GREEN SURFACE MATERIAL

As the consequences of climate change become more and more present, architects, builders, and the design industry are increasingly including sustainability criteria in the spaces we inhabit and occupy.

**Polygood® is made from a single type of plastic — that makes it a 100% recyclable material.**

The choice of materials is a fundamental aspect of a building's positive impact on people, society, and the planet. Meanwhile, The Good Plastic Company is on a mission to make its own positive impact: transforming the world's plastic waste into a material that can be replicated at scale for large design projects.

This is why Polygood® was developed, to help companies choose upcycled, waste-free materials to make beautiful and functional furniture, flooring, display fixtures, cladding, facades, and just about anything that wood or conventional solid surface options can create.

Since 2018, the company has not only transformed a significant amount of plastic for use in hotels and restaurants, but has also helped projects to meet BREEAM or LEED criteria when using Polygood®, thanks to the eco-friendly Global Warming Potential and environmental certifications detailed here.

### **Global Warming Potential**

Global Warming Potential (GWP) is a crucial metric for building materials as it quantifies their contribution to climate change, allowing architects and builders to make environmentally-conscious choices.

Polygood® has a GWP (Global Warming Potential) of only 487 kg (1,073 lbs) per ton, which is eight times lower than virgin polystyrene and six times more eco-friendly than a leading solid surface material.

Based on this data — which measures levels of CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, and other gases — we continue to benchmark our low-emission manufacturing processes and material sourcing against other surface material manufacturers to maintain our positive environmental impact.





# CERTIFICATIONS THAT AFFIRM OUR ENVIRONMENTAL ACCOUNTABILITY

Our Life Cycle Assessment provides full transparency, from raw material sourcing to panel manufacturing and end-of life product recycling. We are closing the waste loop and ensuring projects meet environmental standards.



**Cradle to Cradle® Bronze certification** *Global*

We take pride in being the only manufacturer of a recycled plastic material that holds Cradle to Cradle® Bronze certification. This rigorous, third-party program evaluates and recognises Polygood® as a C2C material that makes positive environmental and social impacts.



**Low VOC material** *Global*

Our VOC A+ rating means our products have minimal volatile organic compound emissions, contributing to healthier indoor environments. Polygood® aligns with BREEAM and LEED standards for construction materials in the UK and EU, making it a low-VOC emitting material.



**Food contact safe** *European Union, United Kingdom*

Polygood® is certified as safe for food contact. This certification is in accordance with European Commission Regulation No. 10/2011 on plastic materials and articles intended to come into contact with food. The certification process involves rigorous testing and analysis to ensure that our materials meet the highest safety standards.



**Environmental Product Declaration** *Global*

After a thorough Life Cycle Assessment, The Good Plastic Company was granted a verified Environmental Product Declaration (EPD) for Polygood®. EPD serves as an invaluable asset in securing LEED and BREEAM certification for your projects.



**Life Cycle Assessment** *Global*

Our environmental footprint matters, along with our production and management processes. Performing a Life Cycle Assessment (LCA) follows our impact from cradle to grave for sustainability and operational reporting. We maintain quality and management systems in accordance with internationally-recognized ISO standards.

- ISO 14001:** Environmental Management
- ISO 9001:** Quality Management
- ISO 45001:** Occupational Health and Safety

**No hazardous substances**

Polygood® is free from harmful substances like mercury, lead, and arsenic. Verified by TÜV Rheinland's ISO 17025 accredited lab, our product is safe and environmentally responsible.



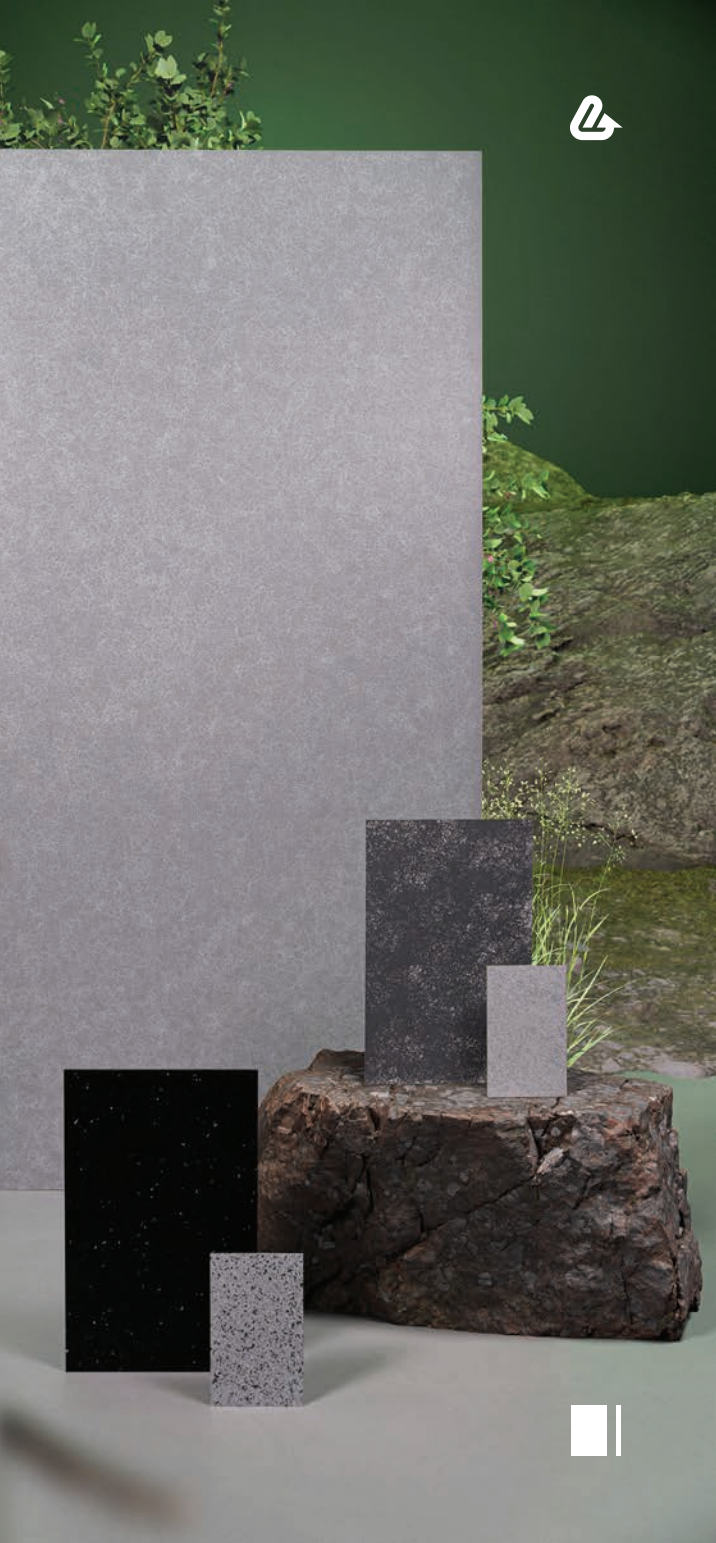
**California Proposition 65 Statement** *USA*

Independent testing confirms that Polygood® contains no chemicals or substances listed under California's Proposition 65. We verify this through VOC emissions testing and full material composition analysis. Polygood® is safe for indoor use and supports health-conscious design decisions.



**Declare Label** *United States, Canada, European Union*

Declare is a transparency certification by the International Living Future Institute, providing details on product ingredients, sourcing, and manufacturing. Recognised in the US, Canada, and EU, it supports healthier, more sustainable building choices. Polygood® is Red List Free, containing none of the harmful chemicals identified in the Living Building Challenge Red List. Declare-listed, Red List Free material







# CONTACT US

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## Our Locations

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## Official Distributors

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<b>Japan</b> UDS Ltd.	<a href="https://uds-net.co.jp/en/">uds-net.co.jp/en/</a> +81 03-5413-3941	<b>United Kingdom</b> CDUK	<a href="http://cdukltd.co.uk">cdukltd.co.uk</a> +44 (0) 113-201-2240
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- Operational & production locations
- Distributors



# POLYGOOD® OFFICIAL US SALES REPRESENTATIVES

● <b>Kane Contract Group</b> Massachusetts, Maine, Vermont, Rhode Island, New Hampshire	kanecontractgroup.com	● <b>Deborah Zeitler</b> Illinois, Southeast Wisconsin, Northwest Indiana	deborah-zeitler.com
● <b>GoToMarkert</b> Pennsylvania, Delaware, Southern New Jersey	gotomarkert.com	● <b>sourcedMtrl</b> Southern California	sourcedmtrl.com
● <b>SMS Studio</b> Florida	smsstudiofl.com	● <b>MōDE</b> Northern California	mode-sf.com
● <b>Mezzacappa Design</b> Texas, Louisiana	mezzdesign.com	● <b>Primason Symchik</b> New York, Northern New Jersey, Connecticut	primasonsymchik.com
● <b>Design Products</b> District of Columbia, Maryland, Virginia	designproductsinc.com	● <b>Primary Design Resource</b> Minnesota, Northwest Wisconsin, Iowa, North and South Dakota	primarydesignresource.com
● <b>ASG Create</b> Georgia, Tennessee	asgcreate.com	● <b>Du Graf Associates</b> Washington, Oregon, Idaho, Alaska, Montana	dugraf.com

For inquiries from Canada and Mexico, please contact us at  
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hello@thegoodplasticcompany.com

# TAKE-BACK PROGRAM

Our take-back program is a key element of our sustainability commitment to rid the world of plastic waste by creating beautiful design materials. We as the manufacturer take responsibility for our products at the end of our panels' useful life.

The program ensures that we can serve as a reliable partner for companies seeking to advance their sustainability practices. By providing this service for free, we are not only helping to close the waste loop but also to reduce the costs of potential incineration or waste management.





**[polygood.com](http://polygood.com)**

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