

# North American Edition:

data presented in imperial units



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## About Polygood®

Polygood® stands as a remarkable achievement in sustainable surface materials. It's a Cradle to Cradle Certified® Bronze material, reflecting our unwavering commitment to environmental responsibility. Made entirely from 100% recycled and recyclable plastic, Polygood® panels are the only large-scale sustainable product of their kind. Each panel's composition consists of a single type of recycled

plastic, ensuring both simple recycling and robust, long-lasting quality.

The patterns derive from an array of post-consumer and post-industrial plastic waste sources, including items like refrigerators, single-use cutlery, household appliances, and manufacturing components.



## Product Composition

### 100% recycled polystyrene

The Good Plastic Company has chosen recycled plastic as its sole material due to the company's commitment to reducing waste and contributing to the circular economy. This recycled plastic is sourced from EuCertPlast-certified suppliers specializing in recycling polystyrene derived from electronic and Waste from Electrical and Electronic

Equipment (WEEE), as well as post-consumer and post-industrial waste sources. Recycled polystyrene (rPS), which forms the entire composition of Polygood® panels, was selected due to its lower energy demand compared to other polymers during the production process, thereby reducing environmental impact.

### Key

Our patterns may have the following properties



Scratch resistant



UV resistant



Waterproof



# Certifications <sup>04</sup>

**Polygood® is the first material of its kind to achieve many certifications that validate the company's leadership in sustainable materials.**



The Cradle to Cradle® Bronze product propels Polygood to the forefront of the sustainable surface materials segment, offering architects, designers, and brands a trusted solution backed by rigorous analysis, audit, and testing. Polygood® is the first material of its kind to achieve this certification, solidifying The Good Plastic Company's position as an industry leader in sustainable materials and marking a significant milestone for the company.



Polygood® has been granted a verified Environmental Product Declaration (EPD). This accomplishment underscores our unwavering commitment to sustainability. An EPD includes the assessment of a product's environmental characteristics throughout its entire lifecycle, covering the entire value chain: from material extraction to production, product use, and end-of-life disposal.



A VOC A+ rating indicates that the surface material emits very low levels of VOCs into the indoor environment.

Polygood® aligns with BREEAM standards for construction materials, making it a low-VOC emitting material. We have conducted extensive tests to ensure that Polygood® doesn't emit any harmful substances.

# 05 Specifications



**Note: all imperial measurements provided in parentheses in this document are approximate and provided for convenience only. Please only place reliance on metric measurements.**

**Dimensions:**

2800 x 1400 mm (110" x 55")

**Thickness tolerance:**

+/- 0.5 mm (+/- 0.02")

**Thickness gauges:**

12 mm (1/2")

19 mm (3/4")

**Finish:**

Standard: Semi-matte, single-faced

Available upon request: Semi-gloss, high-gloss, or double-faced

Coatings: Scratch-resistant, Fire-resistant

**Panel weight:**

50-78 kg (110-172 lbs)





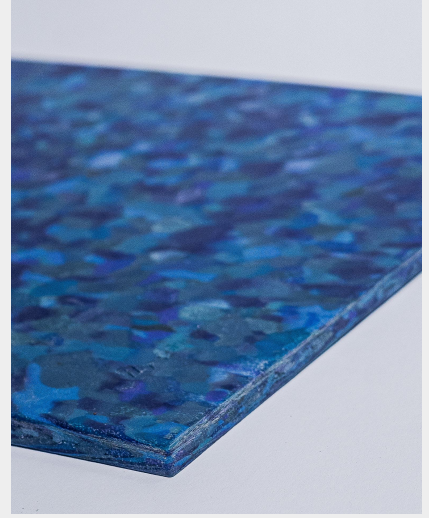
# Pattern Groups <sup>06</sup>



I — Light



II — Dark



III — Terrazzo



IV — Gray & Emerald



V — Marbellous



VI — Translucent



VII — Salt Dune

# 07 Group I – Light



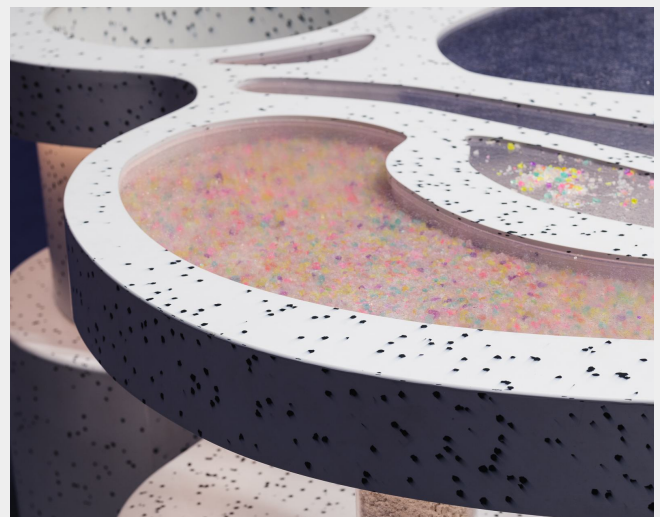
Madrid Content City by Dear Design, Revolución Limo Spain



Bathroom designs  
Netherlands



Table collection by Hello Again Design  
Switzerland & Germany





Installation for Paris Design Week 2023  
France





# Group I – Light <sup>08</sup>





**VICTORIOUS**    
#PS1507  
Refrigerators And CD Cases





**SEA FOAM GREY**    
#PS2404  
Refrigerators and spools, CNC shavings





**WHITE TERRAZZO**    
#PS2107  
Refrigerators, single-use plastic cutlery



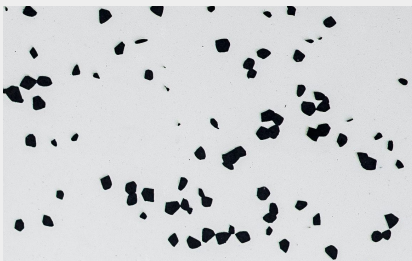
**WHITE LOLLIPOP**    
#PS1601  
Refrigerators and single-use plastic cutlery





**VINTAGE PEARL**    
#PS1101  
Refrigerators



**MILKY WAY**    
#PS1104  
Refrigerators



**TIMELESS DUO**    
#PS1201  
Consumer electronics, spools and refrigerators

\*Panel color may vary from the photo



Scratch resistant



UV resistant



Waterproof



# 09 Group I – Light



Test name	ISO	Indicator
Tensile modulus	ISO 527-2:2012 (method A)	272,381 psi
Tensile strength	ISO 527-2:2012 (method A)	3,191 psi
Modulus of elasticity	ISO 178:2010 (method B)	279,488 psi
Flexural strength	ISO 178:2010 (method B)	7,200 psi
Izod impact strength test (notched)	ISO 180:2019 (A1)	1.99 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	165.56°F
Vicat softening temperature	ISO 306:2022	207.14°F



# Group II – Dark <sup>10</sup>



Nike Rise Westfield  
UK



LUSH Glatt  
Switzerland



The Evolve Chair by Tom Robinson  
UK

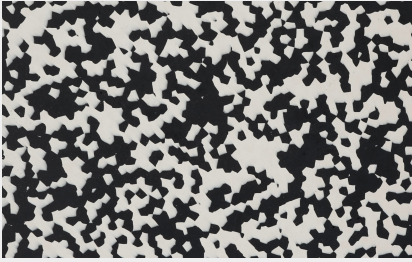




Adidas floor, by SAMJI Studio  
France

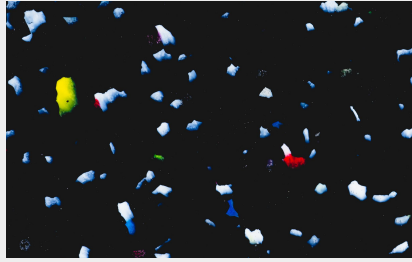




Morning co-working space  
France

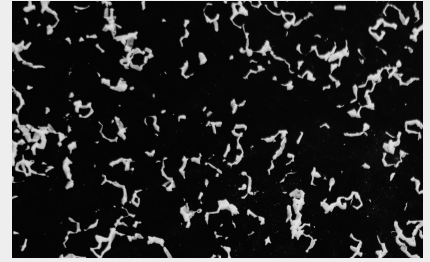
# 11 Group II – Dark





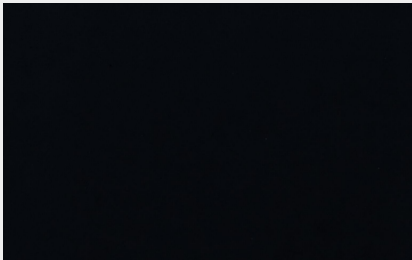
**PATTERN NO. 5**    
**#PS1203**  
 Refrigerators, consumer electronics, spools





**BLACK LOLLIPOP**    
**#PS1602**  
 Consumer electronics and single-use plastic cutlery





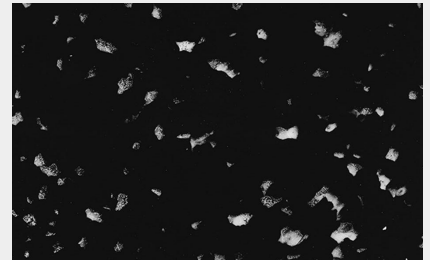
**SEA FOAM DARK**    
**#PS2401**  
 Consumer electronics and single-use plastic cutlery





**DARK KNIGHT**    
**#PS1103**  
 Spools and consumer electronics



**REVERSE TIMELESS DUO**    
**#PS1202**  
 Refrigerators and spools, consumer electronics



**GHOST**    
**#PS1703**  
 Refrigerators, TV's, keyboards, mice, spools

\*Panel color may vary from the photo



Scratch resistant



UV resistant



Waterproof

Test name	ISO	Indicator
Tensile modulus	ISO 527-2:2012 (method A)	264,694 psi
Tensile strength	ISO 527-2:2012 (method A)	3,481 psi
Modulus of elasticity	ISO 178:2010 (method B)	273,977 psi
Flexural strength	ISO 178:2010 (method B)	7,543 psi
Izod impact strength test (notched)	ISO 180:2019 (A1)	1.72 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	165.56°F
Vicat softening temperature	ISO 306:2022	206.42°F



# Group III – Terrazzo 12



Bar for London Design Festival 2023 by Isola UK



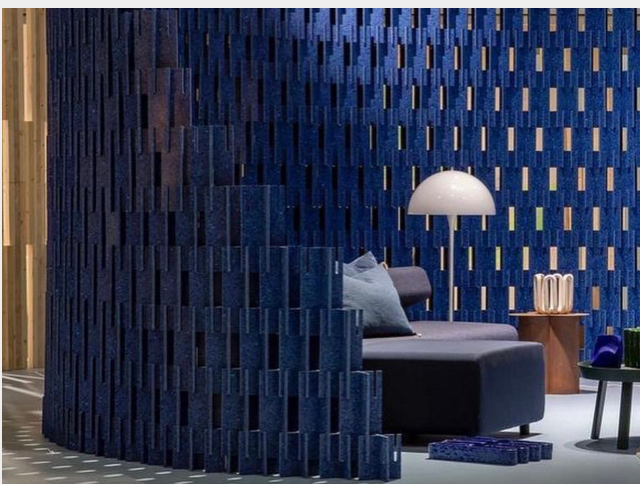
De Bijenkorf department store Netherlands



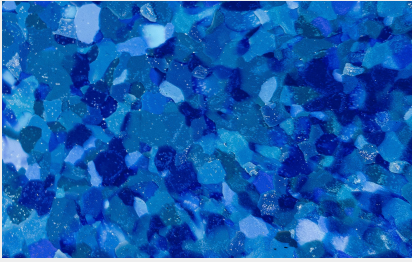
Soho Boutique Turia Hotel Spain



Furniture for Paris Design Week 2023 France



Installation for Oslo Design Fair 2021 Norway



SAPPHIRE TERRAZZO  
#PS1801  
Spools



TERRAZZO NUOVO  
#PS1901  
Refrigerators



\*Panel color may vary from the photo



Scratch resistant



UV resistant



Waterproof

Test name	ISO	Indicator
Tensile modulus	ISO 527-2:2012 (method A)	272,236 psi
Tensile strength	ISO 527-2:2012 (method A)	3,278 psi
Modulus of elasticity	ISO 178:2010 (method B)	289,931 psi
Flexural strength	ISO 178:2010 (method B)	7,509 psi
Izod impact strength test (notched)	ISO 180:2019(A1)	1.65 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	166.1°F
Vicat softening temperature	ISO 306:2022	206.96°F

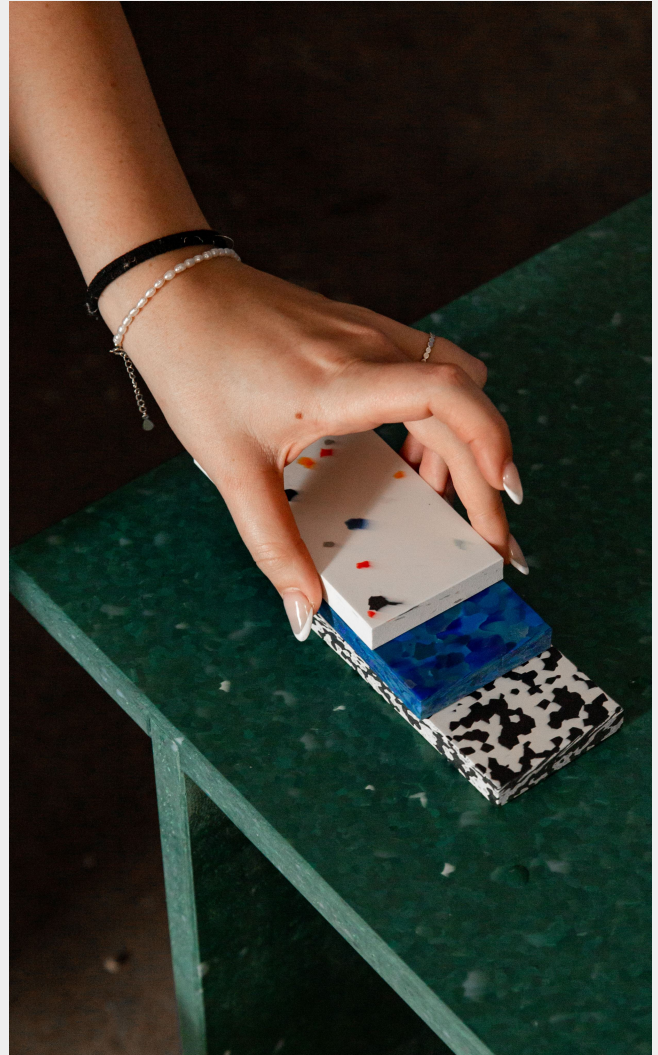


# Group IV – Gray & Emerald

14



McDonald's UK exterior cladding  
UK



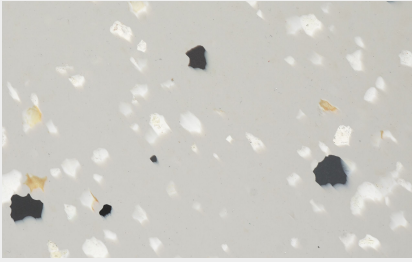
Furniture for London Design Festival, by Isola  
France



Regina collection lamps, by Robin  
Italy



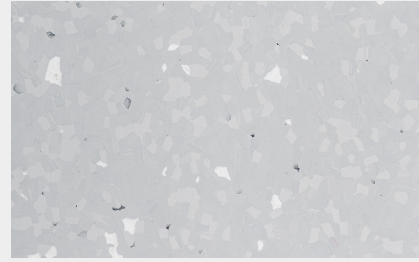
Reel, by Tobia Zambotti  
Iceland



MARBLE DESERT

#PS2110

Refrigerators and consumer electronics



GREYCIOUS

#PS1702

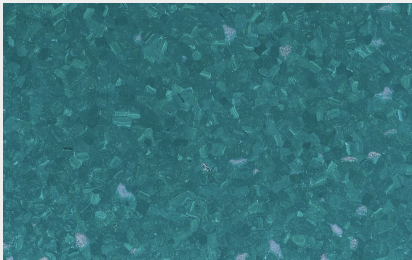
Home appliances and refrigerators



PURE GREY

#PS1102

Home appliances



EMERALD GHOST

#PS1706

Home appliances



\*Panel color may vary from the photo



Scratch resistant



UV resistant



Waterproof

Test name	ISO	Indicator
Tensile modulus	ISO 527-2:2012 (method A)	293,702 psi
Tensile strength	ISO 527-2:2012 (method A)	3,568 psi
Modulus of elasticity	ISO 178:2010 (method B)	304,725 psi
Flexural strength	ISO 178:2010 (method B)	8,034 psi
Izod impact strength test (notched)	ISO 180:2019 (A1)	1.89 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	167.9°F
Vicat softening temperature	ISO 306:2022	205.34°F



# Group V – Marbellous

16



Marbellous chair by SAMJI



The Gabrielle table by SAMJI



Installation for Dutch Design Week



# 17 Group V – Marbellous



MARBELLOUS



#PS2001

Cooling and freezing equipment

\*Panel color may vary from the photo



Scratch resistant



UV resistant



Waterproof

Test name	ISO	Indicator
Tensile modulus	ISO 527-2:2012 (method A)	283,404 psi
Tensile strength	ISO 527-2:2012 (method A)	3,655 psi
Modulus of elasticity	ISO 178:2010 (method B)	290,076 psi
Flexural strength	ISO 178:2010 (method B)	7,268 psi
Izod impact strength test (notched)	ISO 180:2019 (A1)	2.37 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	168.62°F
Vicat softening temperature	ISO 306:2022	207.5°F



# Group VI – Translucent

18



Installation "Embracing the Elements"  
France



WAVE Chair by Rouven Westerholt  
France



Installation "An Iceberg in the Desert Dubai"  
Dubai



Library by PlaceTic  
France



Installation "Climate Stripes" by Isola  
France



London Design Festival  
France

# Group VI – Translucent



**MALDIVES**  
#PS1301  
CD cases



**CORAL REEF**  
#PS1501  
Industrial tubes, acoustic panels



**TRANSLUCENT NEON GREEN**  
#PS1306  
CD cases



**TRANSLUCENT RED**  
#PS1308  
Industrial tubes



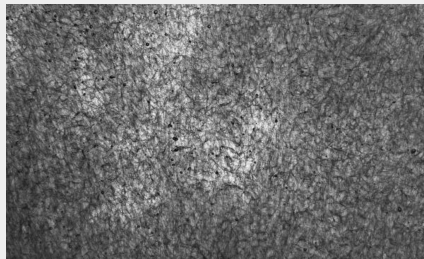
**TRANSLUCENT GREEN**  
#PS1303  
Refrigerators



**TRANSLUCENT CLEAR**  
#PS1305  
Refrigerators, single-use cutlery



**TRANSLUCENT PINK**  
#PS1304  
Refrigerators and CD cases



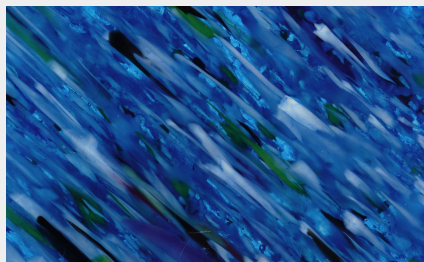
**TRANSLUCENT BLACK**  
#PS1309  
Refrigerators, spools, CNC shavings



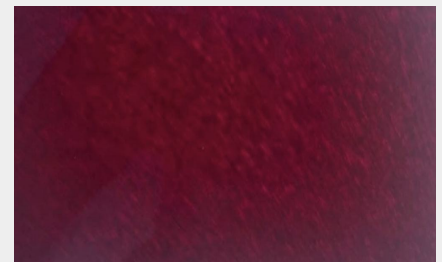
**YELLOW SUBMARINE**  
#PS1707  
Refrigerators, single-use plastic cutlery



**ICE LOLLIPOP**  
#PS1503  
Tubes, single-use plastic cutlery



**AQUA DRIFT**  
#PS1508  
CD cases, cutlery



**TRANSLUCENT BURGUNDY**  
#PS1310  
CD cases



\*Panel color may vary from the photo



Scratch resistant



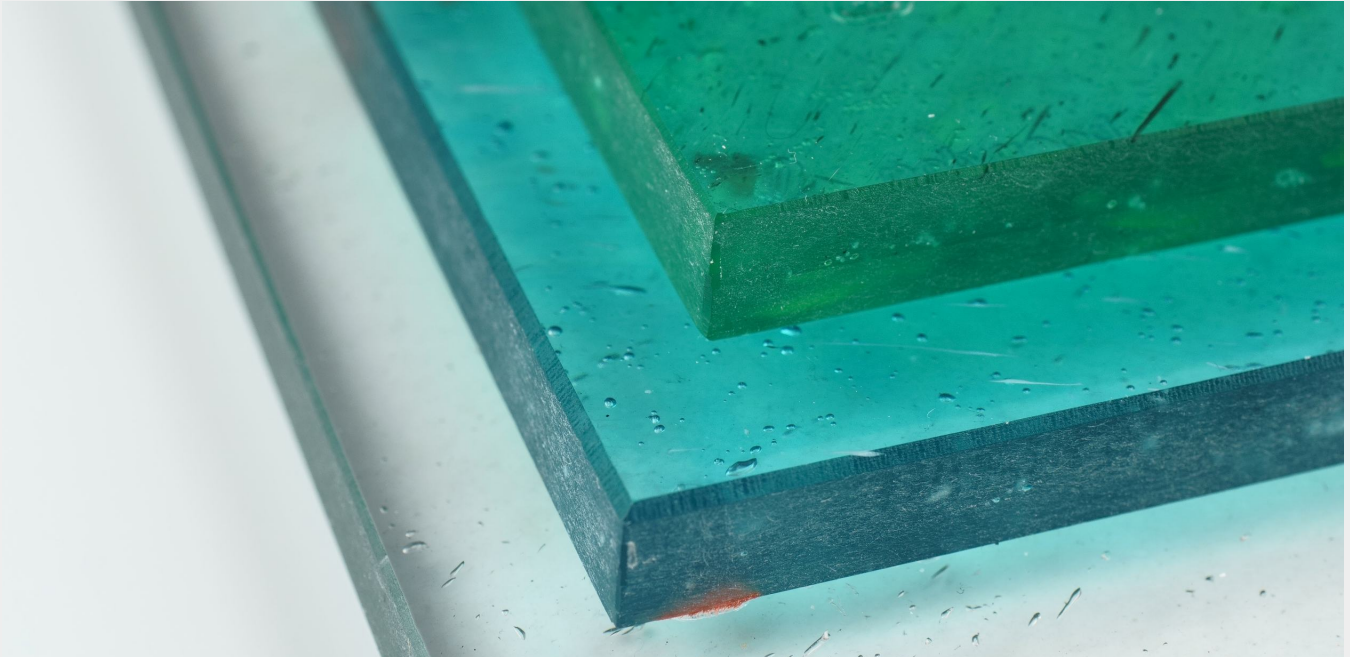
UV resistant



Waterproof



# Group VI – Translucent <sup>20</sup>



<b>Test name</b>	<b>ISO</b>	<b>Indicator</b>
Tensile modulus	ISO 527-2:2012 (method A)	272,381 psi
Tensile strength	ISO 527-2:2012 (method A)	3,191 psi
Modulus of elasticity	ISO 178:2010 (method B)	279,488 psi
Flexural strength	ISO 178:2010 (method B)	7,200 psi
Izod impact strength test (notched)	ISO 180:2019 (A1)	1.99 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	165.56°F
Vicat softening temperature	ISO 306:2022	207.14°F

# 21 Group VII – Salt Dune



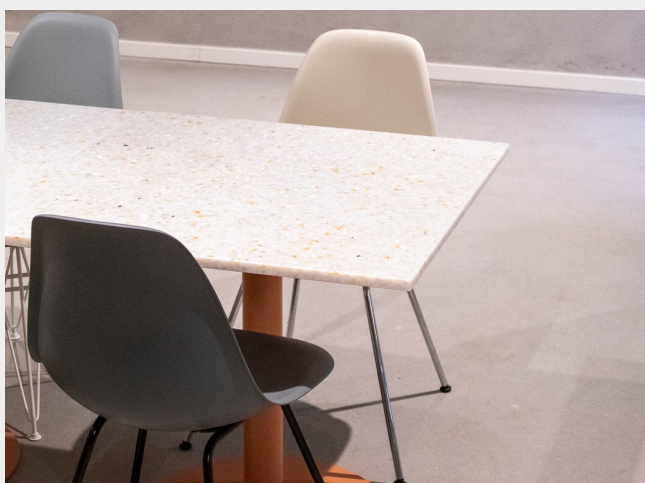
Furniture for the Architizer A+ awards ceremony  
France



Longevity Hub Prague  
Czechia



Reception for THBX store  
Netherlands



Spacesworks co-working centre  
Norway



Paris Design Week 2023  
France



# Group VII – Salt Dune <sup>22</sup>



SALT DUNE

#PS1701

Spools



\*Panel color may vary from the photo



Scratch resistant



UV resistant



Waterproof

Test name	ISO	Indicator
Tensile modulus	ISO 527-2:2012 (method A)	377,389 psi
Tensile strength	ISO 527-2:2012 (method A)	5,061.83 psi
Modulus of elasticity	ISO 178:2010 (method B)	390,152 psi
Flexural strength	ISO 178:2010 (method B)	10,859 psi
Izod impact strength test (Notched)	ISO 180:2019 (A1)	435.71 ft-lb/in <sup>2</sup>
Heat deflection temperature	ISO 180:2023 (method A)	174.2°F
Vicat Softening Temperature	ISO 306:2022	209.12°F



## Polygood®

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