



# MATERIAL DATA SHEET

## DIMENSIONS

1400x2800mm, 1400x1400mm; 1000x1000mm test panels also available\*

## THICKNESSES

12mm and 19mm

## THICKNESS TOLERANCE

±0.5mm

## FINISH

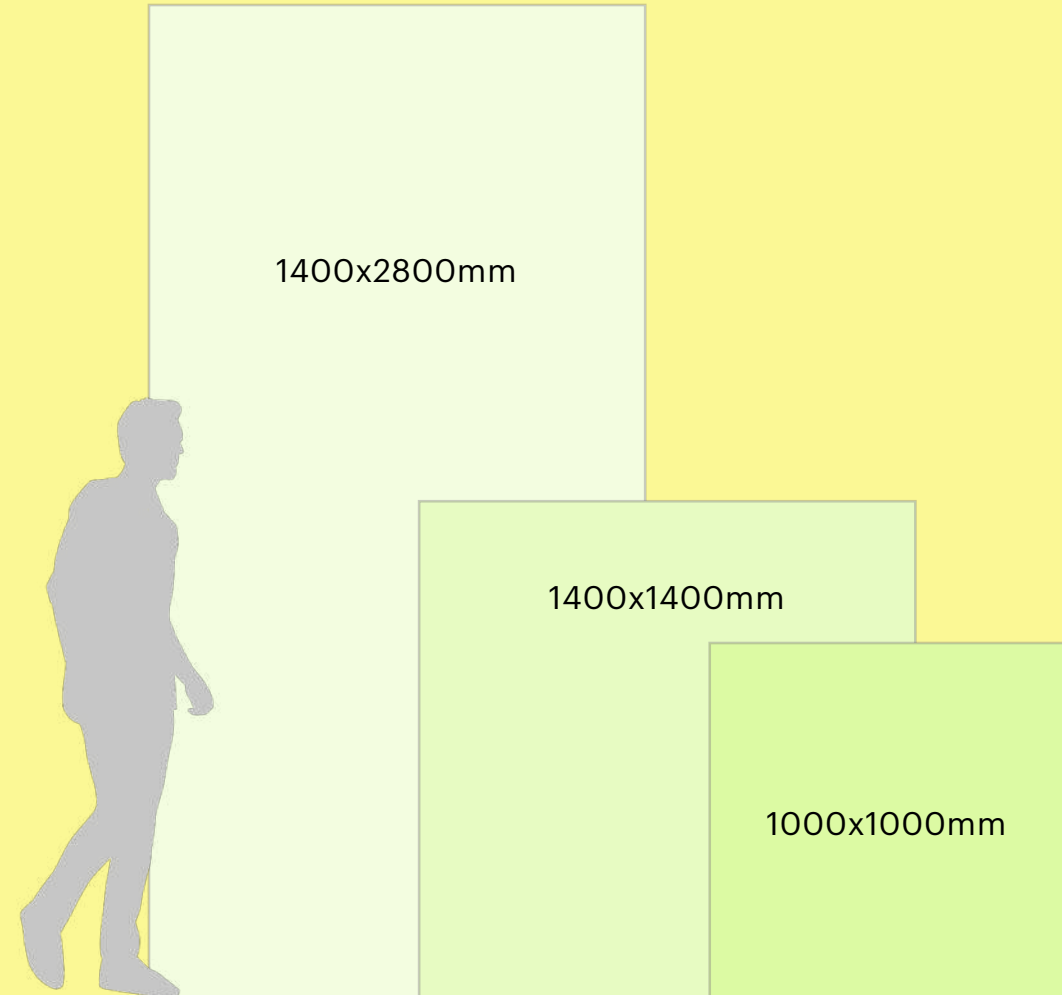
Semi-matte (other finishes available on request); single-faced

## MANUFACTURING LOCATIONS

Netherlands and Ukraine

## LEAD TIME

Delivery from stock, or made to order in 2-3 weeks



\* 1000x1000mm test panels have different specifications. Thickness deviation: ±2mm. Panels come oversized: +30-50mm.

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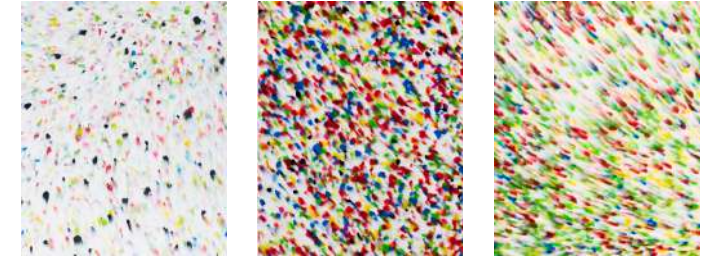
Polygood panels are produced from 100% recycled plastic, so each Good Plastic panel has its own unique properties. The figures below are representative based on sampling.

Material type		Recycled polystyrene
Density	g/cm <sup>3</sup>	1.043
Izod Impact Strength (notched)	kJ/m <sup>2</sup>	3.21
Modulus of Elasticity (Chord 0.05%-0.25%)	MPa	2287
Tensile Maximum Load	N	6100
Tensile Strength (yield)	MPa	17.55
Tensile Strength (break)	MPa	14.29
Elongation at Break	%	3.8
Shore D Hardness	D	72.5
Melting point	°C	210

Polygood is made from post-consumer and post-industrial plastics. We partner with large recycling centres all over Europe that collect and sort plastics to ensure a reliable and high quality supply of material.

## COLOUR

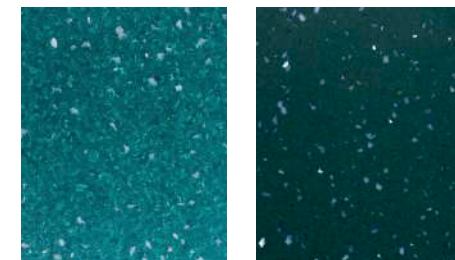
The Good Plastic Company manufactures panels solely from 100% recycled plastics, so some colour variance between batches is possible. Our main white and black materials are of 100% post-consumer origin. As the sources of waste change over time, so colour pigment consistency can also vary. We therefore have little control over batch colours. Plastic granules that appear identical to the human eye can turn out to have minor colour differences when they are melted into a panel. As a result, for black patterns shades may vary from deep black to matte ashy black, and for white patterns shades may range from a bleached/snow white to a mottled effect comprising off-white and milky white shades. This results from the origin of the material – household refrigerators – and reflects differences in the whiteness of the original appliances before recycling. If you require consistent shading, talk to your account manager about placing an order from a single batch.



Juicy Lollipop variations – shades and tones may vary between batches.



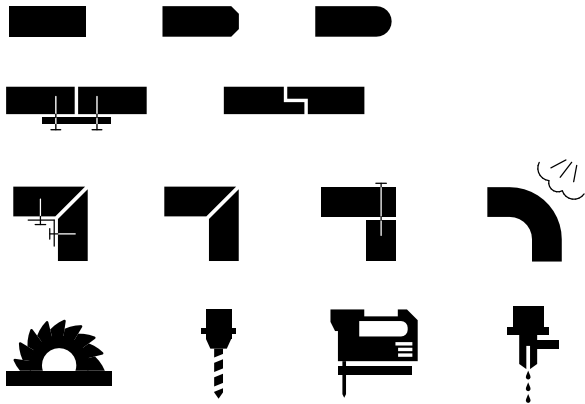
Pure Grey – shades and tones may vary from light to dark between batches.



Emerald Ghost– shades and tones may vary from light to dark between batches.

## WORKABILITY

Polygood is a distinctive material produced from 100% recycled and 100% recyclable plastic. It comes in the form of panels that are similar in workability to wood or acrylic stone. It can be cut, sanded, routed, and joined.



Panels can be used to create distinctive, sustainable furniture and interior/external design elements e.g., wall cladding, shelves, stands, podiums and racks.

We don't recommend using dark patterns for high-traffic areas as marks and scratches could be more visible in comparison to light patterns. All sheets have a medium level of scratch resistance.

