



## Minus

panels by Plastic guys

Sustainable design for a circular future.

**Minus® Panels** are recycled and recyclable panels that are always environmentally friendly and designed for reuse. Each texture is made from a single type of plastic that had a completely different purpose in its previous life—ranging from industrial scraps created in the production of cars and electronics to 3D printer waste or even single-use cutlery. Because we don't add any artificial colors or patterns, the unique texture and color emerge naturally, ensuring that every panel is a one-of-a-kind original.

### Availability

Size: 3000x1400mm  
Thickness: 12 - 20 mm



## 100% Recycled Polystyrene (HIPS)

Physical Properties	Value	Units
Density	1.05	g/cm <sup>3</sup>
Mechanical Properties		
Impact Strength (Charpy)	6.8	kJ/m <sup>2</sup>
Elastic Modulus	2240	MPa
Maximum Tensile Load	1366	N
Compressive Strength	21.3	MPa
Tensile Strength (at break)	17	MPa
Elongation at Break	5	%
Indentation Hardness	73.9	Shore D
Thermal Properties		
Heat Resistance (at 1.8 MPa)	86.2	°C
Coefficient of Thermal Expansion	97.6	µm/m°C
Flammability	UL94HB	-
Bacterial Test		
Mold Resistance	0	Mold Growth %
Food Contact Safe	Yes	Yes / No

Flammability Note: Where a better rating is required, we can substitute custom waste materials that have higher flammability ratings due to additives.