

100% Recycled Polystyrene

Batch Number:	TL/B3001
Date of Issue:	December 2025
Location of Manufacture:	Dodford UK
Total Mileage to WHAT:	43 miles
Max. Panel Length:	1430mm
Max. Panel Width:	1430mm
Thickness:	18mm / 12mm / 6mm



Surface Composition

100% PS - White

Primary Life:	White Goods
Collection Method:	Consumer Waste
Origin of Recycled Material:	Telford UK



Sustainability & Circularity

Property	WHAT Plastics	MDF	Plywood	MFC*
Recycled Content	100%	Low	Low	Low
VOC Emissions	Very Low	High	Moderate	High
Recyclability	Closed-Loop	Rarely Recyclable	Limited	Limited
End-of-life Impact	Excellent	Poor	Moderate	Poor

*Laminated

Material Warranty

Our WHAT Plastics surfaces come with a 25-year warranty, giving long-term confidence in their durability and performance. For full coverage details, conditions, and exclusions, please refer to our official warranty terms. But most importantly, we can take back the material to be reprocessed into more beautiful products.

Take-Back Scheme

Our WHAT Plastics Take-Back Scheme is simple: email us at info@whatplastics.com, tell us what material you have and where it's located, and we'll organise collection. Once received, we sort and reprocess the plastics, transforming them into new high-quality surfaces and keeping materials in a circular loop.

Waste not... WHAT not!

Physical Properties

	Value	Unit
Density	1.05-1.08	g/cm ³
Water Absorption (Saturated)	<0.1	%
Impact Strength	GOOD	-
Tensile Strength at Break	18-24	MPa

Thermal Properties

	Value	Unit
Melting Point	200-240	°C
Heat Deflection Temperature	85-95	°C
Vicat Softening Temperature	95-105	°C
Continuous Service Temperature	70-80	°C

Our Process

