

98% Recycled HDPE &  
2% Recycled Polystyrene

Batch Number:	LS/B3001
Date of Issue:	December 2025
Location of Manufacture:	Dodford UK
Total Mileage to WHAT:	211 miles
Max. Panel Length:	1430mm
Max. Panel Width:	1430mm
Thickness:	18mm / 12mm / 6mm

Surface Composition

98% HDPE - White

Primary Life:	Post - Consumer Bottles
Collection Method:	Consumer Waste
Origin of Recycled Material:	Peterborough UK

2% PS- Black

Primary Life:	Automotive Parts
Collection Method:	Consumer Waste
Origin of Recycled Material:	Manchester UK

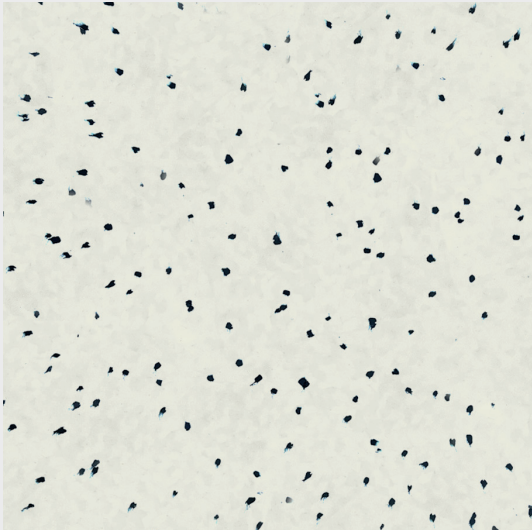
Sustainability & Circularity

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](mailto: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	0.95 - 0.97	g/cm <sup>3</sup>
Water Absorption (Saturated)	<0.1	%
Impact Strength	GOOD	-
Tensile Strength at Break	15-25	MPa

Thermal Properties

	Value	Unit
Melting Point	130-135	°C
Heat Deflection Temperature	70-80	°C
Vicat Softening Temperature	120-130	°C
Continuous Service Temperature	50-60	°C

Our Process

