



INTRODUCTION

Stelapop Textile Board is composed of 70% reclaimed textile fibres sourced as garment offcuts from denim production bound with water-based glue and natural rubber.

The result is a panel with strong technical performance that gives a second life to material that would otherwise be go to landfill and be wasted.

Finished with a multi-layer PU coating for durability, Stelapop is suitable for interior usage as wall panels, furniture, and joinery such as shelving. It can be cut, drilled, routed, and joined using standard woodworking tools and processes.

- 01 Each panel uses 14kg of textile waste, equivalent to 35 pairs of jeans.
- 02 Stelapop panels are fully circular with all offcuts, waste, and end of life material being re-used in future production batches.
- 03 The material contains no formaldehyde, silica, or VOCs.
- 04 Each panel is unique, therefore there will be variation in exact colour, particle size, and pattern within and between panels.
- 05 Sheets should be stored at min 18°C and at a relative humidity of 35% - 65% wherever possible.

MATERIAL PROPERTIES

PHYSICAL	Thickness	5mm ± 0.25mm
	Density	1100 - 1240 kg/m ³
	Thickness Tolerance	+/- 0.25mm
	Water Absorption (24 hours)	1.6 %
	Thermal Conductivity	0.150-0.155 W/m-K
	Acoustic Performance Sound transmission loss	42-45 dB
	MECHANICAL	Modulus of Elasticity ASTM 1037-99
Modulus of Rupture (Flexural Strength) ASTM 1037-99		25 - 35 MPa
Flexural Strength		25-35 MPa
Water Absorption after 24h immersion		1.5 - 1.6%
Screw Holding Strength		Face: 3300-3600 N Edge: 2400-2700 N
SURFACE	Food Safety US FDA21 CFR 175.300	Pass
	Scratch Resistance ASTM D 3363-2005	3 - 4H
	Colour Fastness ISO 105-B02:2014: Xenon-Arc Lamp	4
	Staining - 2 hours Wine, Coffee, Cooking Oil, Mustard, Ketchup	No permanent stain

FIRE RATING

EN 13501-1:2018	Report reference VNHL2602004406HG	D-s3, d0
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