

GlossLamix™

Advanced High Gloss Fiberglass Composites Sheet
for Truck bodies & Caravan Liners



BUNJIL COMPOSITES

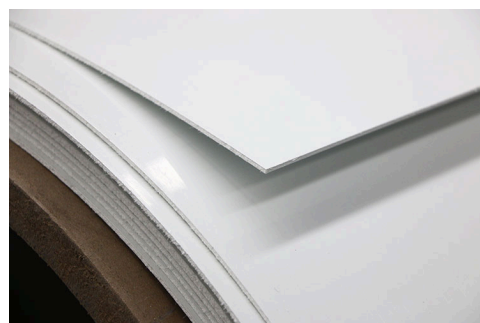
GlossLamix™

The Perfect Balance of Strength, Durability and Aesthetic Appeal

GlossLamix™ is developed in collaboration with a leading fiberglass composites manufacturer boasting over 20 years of expertise in composite material engineering and manufacturing, including in-house formulation and production of unsaturated resin systems. Certified to the ISO 9001 quality management standard, our partner upholds rigorous process control and continuous improvement across every stage of production. With a steadfast commitment to consistent quality and performance, their materials are trusted across global markets—including China, Australia, the USA, Europe and Southeast Asia—earning a reputation for exceptional reliability and craftsmanship. By combining Bunjil Composites' expertise in advanced composite and sandwich-panel engineering with our manufacturing partner's decades of resin-formulation experience and ongoing innovation, GlossLamix™ is built upon a foundation of technical excellence and precision manufacturing.

GlossLamix™ is produced by combining high-quality fiberglass reinforcements—such as chopped strand mat (CSM) and woven fabrics—with low shrinkage polyester resin and a superior-grade gelcoat finish. An automated resin distribution system ensures precise control and uniform thickness of the gelcoat layer, delivering consistent surface quality and stable structural integrity across every sheet.

These elements make GlossLamix™ a superior structural laminate designed to withstand the toughest environmental and mechanical challenges while showcasing exceptional high-gloss surface appearance — the ideal skin material for caravan panels, freezer units, and insulated truck body liners.



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GlossLamix™ delivers superior and durable mechanical performance and aesthetic appeal. Its key performance advantages include:



High Strength with Low Weight

Engineered fiberglass laminates deliver outstanding mechanical strength while remaining remarkably light—an advantage for transport efficiency, payload capacity and handling ease.



Resistant to Water, Chemicals and Corrosion

The gel-coated surface forms a dense, protective barrier that prevents moisture ingress and degradation, extending durability even in chemically aggressive or humid environments.



Refined Surface Appearance

A smooth, mirror-like finish provides excellent visual depth and long-term gloss retention. Surfaces can be produced in glossy, matte, or embossed textures, with full RAL colour matching available.



Long-Lasting UV and Scratch Resistance

Surface-hardening and UV-stabilised coatings protect against sunlight, abrasion and environmental exposure, keeping the panels looking new for years.

SPECIFICATIONS

GlossLamix™ HG				
Surface	High gloss, smooth, with removable protective PE film			
Width range	≤3.1m			
Thickness range	1.2 - 3.0mm			
Standard roll length	60m/roll or 60m*2 /roll			
Item	Unit	Test Method		Value
Physical	Thickness	mm	Universal	1.5
	Surface Type	--	Universal	Gel coated
	Color	DE*	ISO 12647-2	9757
	Density	g/cm³	GB/T 1463-2005	1.45 -1.50
	Glass Fiber Content	%	ISO 1172	30-35
	Water Absorption	%	GB/T 1462-2005	≤ 0.3
	UV Resistance	--	ISO 4892-3-2016	Level 3
Thermal	Term Service Temperature	°C	ISO 75	-40 ~ +100
	Thermal Conductivity	W/mK*	--	0.23
	Heat Transfer Coefficient	cm/cm°C	--	5.5
Mechanical	Barcol Hardness	--	GB/T 3854-2017	45 - 50
	Tensile Strength	MPa	GB/T 1447-2005	>110
	Flexural Strength	MPa	ISO 14125	>180
Tolerance	Thickness	mm	Q/321001WSSY 03-2018	±0.2
	Width	mm		±1
	Length (in roll)	m		0~ - 0.2
	Length (in piece)	mm		±1



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