

STANDARD LAMINATES WITH MAT GLASS FIBRE

GENERAL DESCRIPTION

Versatile laminate with good mechanical and aesthetic properties. It is available in a wide range of RAL colours and also in custom colours. In general this laminate offers:

- Good resistance to atmospheric agents
- High UV stability
- Good impermeability
- Good chemical resistance
- Good electrical insulation
- Good abrasion resistance
- Easy cleaning

SUGGESTED APPLICATIONS

Laminates with gelcoat

Motorhomes and caravans: production of panels for exterior walls, doors and lockers
 Commercial vehicles: production of panels for interior and exterior walls and doors
 Buses: production of internal and external walls
 Refrigerated vehicles: production of panels for interior and exterior walls and for doors
 Construction industry: production of panels for ventilated walls
 Cold rooms: production of panels for internal and external walls and for doors
 Workshops/mobile clinics: production of panels for internal and external walls and doors
 Posters

Laminates without gelcoat

Floor panels for motorhomes, caravans, refrigerated vehicles and buses

MAIN FEATURES

Fibre	MAT, g/m ²	300 - 1600
Thickness	mm	1.1 – 3.0 with gelcoat 0.8 – 2.7 without gelcoat
	inches	0.043 – 0.118 with gelcoat 0.031 – 0.106 without gelcoat
Weight	kg/ m ²	1.5 – 4.3 with gelcoat 1.2 – 3.9 without gelcoat
	Lbs/sqft	0.31 – 0.88 with gelcoat 0.25 – 0.80 without gelcoat
Finishing	external	- glossy and matt gelcoat - no gelcoat
	back	- sanded
Finishing		

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		<ul style="list-style-type: none"> - mechanically sanded - calibrated - smooth - rough
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SPECIFIC PROPERTIES

<i>Properties</i>	<i>Method</i>	<i>Results</i>
Free styrene content	EPA 8015D	< 1% by weight
Thermal conductivity	ISO 8302	0,065 W/mK
Resistance to vapour flow	UNI EN 12086 :1999	50.000μ<math><90.000</math>
Operating temperature	-	-20°C up to 50°C -4°F up to 122°F
Food contact	Directive 2002/72/CE	Suitable
Water absorption	Internal method	<0,5% by weight
Mechanical Properties	LINK data sheet	

FORMATS

	<i>length</i>	<i>width</i>	<i>Tolerance</i>
ROLLS	Max 60 m	Max 2800 mm	Width: \pm 2mm
	Max 200ft	Max 110 inches	Width: \pm 0.08 inches
SHEETS	On request	Max 2800 mm	Length: \pm 3mm Width: \pm 3mm
	On request	Max 110 inches	Length: \pm 0.12 inches Width: \pm 0.12 inches

STORAGE AND USE

For optimal use, the material (also with protective film) must be stored in a dry and weatherproof place. Before use, it is advisable to condition the material at room temperature for 24 hours.

The protective film can be kept until the end of the production cycle to protect the surface from scratches and processing defects. However, it must be removed before outdoor exposure as it is not intended for protection against corrosion, humidity or chemicals.

The material must be handled by means appropriate to the size and shape of the product, paying particular attention to the edges. The use of forklifts with grippers is recommended for handling rolls.

Clean the laminates with a soft cloth, water and a neutral detergent. In case of stubborn dirt, even oil and grease - it may be useful to use soapy hot water (40-45 °C or 100-115 °F). **Never use detergents and products containing organic solvents, alcohol or ammonia** as aerosols and vapours may also damage the product.