

## Ultralight laminates with extraordinary features



### COMMERCIAL VEHICLES

- Interior and exterior walls
- Roofs
- Doors

### ELECTRIC VEHICLES

- Interior and exterior walls

Elycold Lite and Xlite represent the ideal solution for those who need **thicker laminates with good rigidity and low specific weights**, while retaining all aesthetic details and values.

The use of resins and specific components allows increased thickness without adding weight, decreasing the density of the laminate and providing greater rigidity, contributing to the flatness of the panel and to conceal of the underlying structures.

It is particularly suitable for the production of ultra-light vans and large recreational vehicles and prestigious equestrian vehicles.

Unaltered performances of Brianza Plastica's laminates, such as:

- gelcoat resistant to UV light and chemical agents
- availability in different colours
- mechanical performance suitable for different uses

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### DIMENSIONS

#### ROLLS

- Elycold LITE: thickness from 3 mm
- Elycold XLITE: thickness from 1.6 to 2.8 mm
- Widths: up to 3.4 m
- Length: 60 m

#### SHEETS

- On demand

### PRODUCT FEATURES

- In different colours: RAL, NCS, other colours on request
- Film grooved, mechanically sanded, rough or smooth
- With or without protective film
- With or without gelcoat
- With or without woven roving

### TECHNICAL DATA

		ELYCOLD only MAT		ELYCOLD MAT + WOVEN ROVING		
		XLITE	LITE	XLITE		LITE
Thickness <sup>(1) (2)</sup>	mm	1,90	3,00	1,90	2,40	3,10
Glass Reinforcement <sup>(1)</sup>	g/m <sup>2</sup>	675	1125	500/300	675/300	900/500
Density <sup>(1)</sup>	g/cm <sup>3</sup>	1,34	1,27	1,37	1,29	1,34
Weight <sup>(1)</sup>	g/m <sup>2</sup>	2550	3800	2600	3100	4150
Glass Content <sup>(1)</sup>	%	26	30	31	31	35
Hardness (UNI EN 59)	Barcol	35/40	35/40	35/40	35/40	35/40
Tensile strength (UNI EN ISO 527 - 4/2/2)	Long. Mpa	79	89	100	100	111
	Trasv. Mpa	73	82	93	92	102
Tensile modulus (UNI EN ISO 527 - 4/2/2)	Long. Mpa	5400	6100	6900	7000	8100
	Trasv. Mpa	5200	5800	6550	6600	7800

(1) Company method

(2) Average value



AVAILABLE



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