

Stronger aluminium that you can apply lighter. Create a lighter wall and save weight. StrongLite is unique in the mobility industry and has been developed exclusively by Euramax.



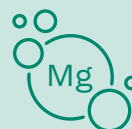
Strong and light

Up to 20% less weight



Extra rolling steps

Infinitely recyclable



40% extra magnesium

50% stronger

### Strong and light from all angles

Instead of a conventional thickness of 0.8 or 0.6 mm aluminium, StrongLite makes it possible to use a thickness of 0.7 or even 0.5 mm for the sidewalls of a vehicle, while maintaining the strength, but with less weight. In addition, StrongLite offers new possibilities for sidewalls and roofs: making them lighter while maintaining the strength of the construction.

StrongLite dimensions: Thickness: 0.5 - 1.0 mm Width: max. 2.460 mm

### Specifications

	StrongLite	Conventional
Strength	50% stronger	
Alloy	Stronglite	3003
0.2% Yield strength (MPa)	350	160
Tensile strength (MPa)	400	185-240

Outside usage	StrongLite	Conventional	Plastics
Kg/m <sup>2</sup>	1.83 (0.7 mm)	2.15 (0.8 mm)	2.28 (1.7 mm)
Kg per side wall	70	82	88
Additional weight per vehicle vs StrongLite		+ 12 kg (15%)	+ 18 kg (20%)

Inside usage	StrongLite	Conventional
Kg/m <sup>2</sup>	1.30 (0.5 mm)	1.60 (0.6 mm)
Kg per side wall	50	62
Additional weight per vehicle vs StrongLite		+ 12 kg (19%)

Our experts would be happy to discuss the possibilities of StrongLite for your application. We can also provide you with a calculation of the benefits.

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