

Aluminium

a sound choice

euramax
FOR MOBILITY



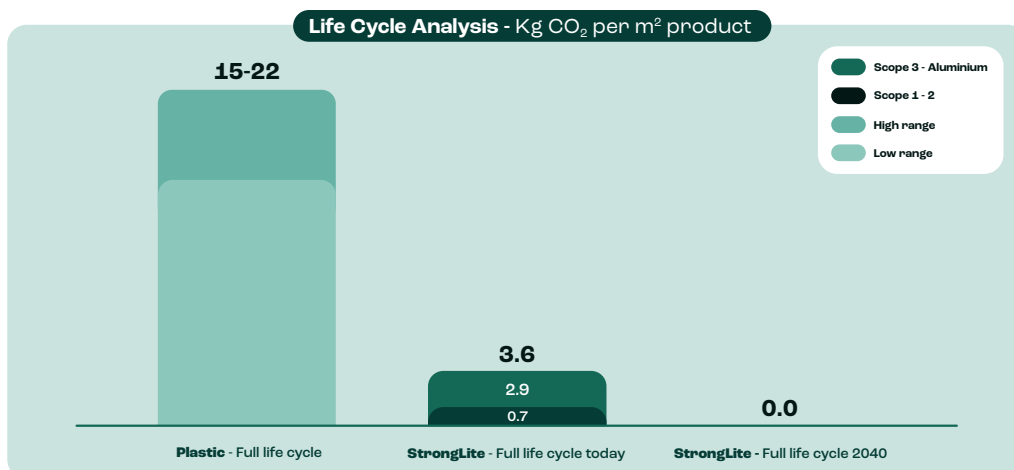
Feel

Aluminium, feels great

- Aluminium is **100% recyclable** and can be **recycled infinitely** without loss of quality.
- Recycling aluminium only takes **5% of the energy** that's needed to produce new aluminium.
- Euramax products contain up to **50% of recycled material** (and this is only increasing further).

Aluminium, keeps on feeling better

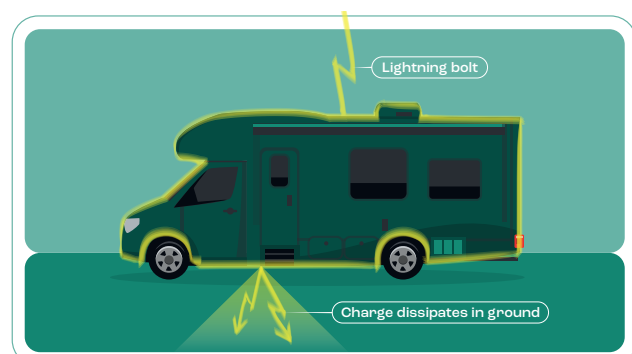
- Ever more aluminium is produced using **green energy** (80% hydropower in Europe).
- GRP/FRP (glass-fibre-reinforced plastic) **cannot be effectively recycled**.



Scope 1: directly produced emissions (for example emissions from natural gas being burned in ovens).
Scope 2: emissions produced indirectly on behalf of the company (for example the emissions produced by the utility company to generate electricity the company uses).
Scope 3: indirect emissions from the company value chain (for example: emissions produced by an aluminium smelter to produce aluminium that goes into our products).
Full life cycle: the total emissions of a product from its first creation until the end of its usable life (including disposal, for example burning of waste).
As aluminium has an infinite usable life, this is equal to the emissions produced by 100% recycled aluminium.

Aluminium, feels safe

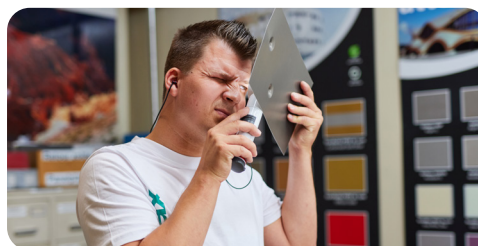
- Contrary to GRP, aluminium conducts electricity. **That's why a caravan or motorhome with an aluminium body keeps you safe** - just like a car (the Faraday cage effect).
- Metals don't catch fire - it's as simple as that. **Aluminium therefore doesn't contribute to the spread of flames** on thick, black smoke.



See

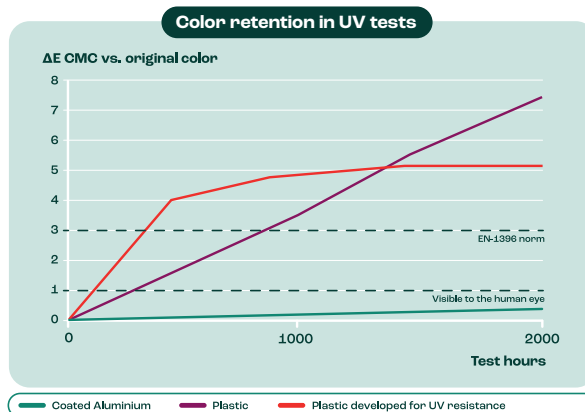
Aluminium, looks good

- ✦ Aluminium has a high - quality, **luxurious appearance** (automotive look).
- 📄 The material is available in hundreds of colours, **various gloss levels and metallics**.
- ✍️ With various embossed patterns aluminium offers **extra design possibilities**.



Aluminium, keeps showing

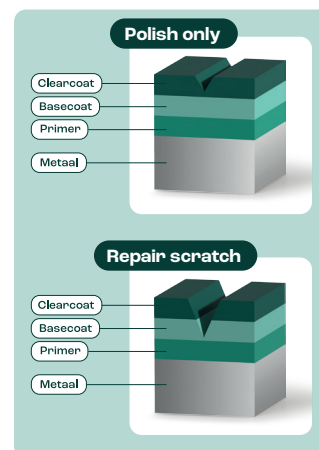
- 📈 Discolouration can be measured using the **ΔE value***. Even **after 2,000 hours** of testing (equivalent to two years of use in Southern Europe), coated aluminium shows **no visible discolouring**.
- 📈 This contributes to its **high-quality appearance** and helps aluminium **maintain its value** on the second-hand market.
- 📈 **GRP/FRP** is highly UV-sensitive and shows **significant discolouring**. White vehicles, for example, often begin to 'yellow' over time.



* A value below 1 is not visible to the naked eye. From a value of 2, the discolouration becomes clearly visible

Aluminium, easy to fix

- 🔍 No matter how careful you are, accidents can happen. **Scratches and dents are inevitable**.
- 🔍 No worries, aluminium offers the solution. **It's easy to repair at a low cost**.
- 🔍 Minor and major damages can **easily be fixed** using common spot repair techniques.
- 🔍 With larger damages, **Euramax provides replacement parts** – coated aluminium sheets – for a faster and more effective repair.



Experience

Aluminium, experience the difference



Aluminium is known for its **strength and light weight** (there's a reason why we're using it in aeroplanes!).



Because aluminium is so thin, it's **much lighter** than GRP alternatives.



Because of this, aluminium vehicles are up to **20% lighter than those made from GRP** - offering room for extras or luggage.

Weight comparison - example calculation

Outside usage	Aluminium	Plastics
Kg/m ²	1.83 (0.7 mm)	2.28 (1.7 mm)
Kg per side wall	70	88
Additional weight per vehicle vs StrongLite		+ 18 kg (20%)

Aluminium, keep on experiencing



Coated aluminium is, especially with SuperiorCoat, up to **4x more scratch-resistant** than GRP.



In combination with the strength and unique UV-resistance of aluminium this provides **peace of mind** for the manufacturer, dealer, and customer.

Hardness Grade

Plastics

Aluminium

6B-5B-4B-3B-2B-B-HB-H-**2H-3H**-4H-5H-6H-7H-**8H-9H**

Softer

Harder

Aluminium, a sound choice

The majority of motor-homes and caravans are made from aluminium. And with good reason. It's a safe, sustainable, and lightweight material with the luxurious look that's inherent to metal. We take you along on a short trip through the benefits of aluminium, so you'll enjoy them time and again during the many travels you have to look forward to.

Travelling together with Euramax

We're the leading supplier of coated aluminium to the European motorhome and caravan industry.

Who we are

- **> 50 years** specialised in coated aluminium.
- Market leader in **coated aluminium** for motorhomes and transport vehicles and façade cladding and roofs.
- **Approximately 12,000,000 m²** of coated aluminium per year.
- **300+** employees in Europe and the US
- Located in **Roermond**.

What we believe in

We are **on your side**. As a partner we stand beside you with products of a superior and consistent quality and with excellent service and support. Expect flexibility, both in the fields of coatings, specifications, and delivery times.

Euramax works with, among others:

 **ADRIA**

 **carthago**[®]
Das Reisemobil.

 **PILOTE**

 **FENDT**
CARAVAN

 **Hobby**

 **EHYMER**

 **CAPRON**

 **KnausTabbert**
Wir bewegen

What can dealers go to Euramax for?

- ✓ **Knowledge and information** on aluminium.
- ✓ **Advice and support** for maintenance and repairs.
- ✓ **Spare parts** for replacements and repairs.

Let us know if aluminium is a sound choice for you too!

euramax
FOR MOBILITY

T +31 475 370 303 - info@euramax.eu - euramax.eu