



LocAl<sup>13</sup>

# LocAl<sup>®</sup> Lower-carbon Aluminium Sheet & Plate

Trusted 5005 & 5083 Alloys,  
Lower Carbon Footprint

Capral is proud to offer LocAl<sup>®</sup> lower-carbon rolled aluminium products in two trusted alloys:

- **Stocked 5005 sheet**
- **Special Order 5083 plate**

Both deliver the performance and versatility these alloys are known for with a reduced carbon footprint.

**CAPRAL**  
ALUMINIUM



# LocAI® 5005 Sheet

## Stocked, Ready to Deliver

Capral's LocAI® 5005 aluminium sheet is stocked and available nationally. A trusted alloy for decades, 5005 delivers excellent corrosion resistance, smooth surface finish, and suitability for anodising.

### CO2e intensity:

5.87 kg per kg of aluminium\*

### Stocked thicknesses:

2mm & 3mm

### Sheet sizes:

- 1200 x 2400
- 1500 x 3000
- 1500 x 3600

### Finishes:

- Mill finish
- PVC-coated finish

### Availability:

Stocked and distributed nationally

### Applications:

- Architectural cladding
- Roofing
- Signage
- Marine
- Decorative finishes

MATERIAL NO.	MATERIAL DESCRIPTION	THICKNESS	WIDTH	LENGTH	ALLOY	TEMPER	FINISH
108821	MILL FINISH - LOCAL - REDUCED CARBON	2.00	1200	2400	5005	H34	MF
108822	MILL FINISH - LOCAL - REDUCED CARBON	3.00	1200	2400	5005	H34	MF
108823	MILL FINISH - LOCAL - REDUCED CARBON PVC COATED 50UM 1 SIDE	3.00	1200	2400	5005	H34	PVC 50UM 1S
108824	MILL FINISH - LOCAL - REDUCED CARBON	3.00	1500	3600	5005	H34	MF
108825	MILL FINISH - LOCAL - REDUCED CARBON	3.00	1500	3000	5005	H34	MF

### Certified Sustainability

Our lower-carbon rolled products can be supplied with LocAI® Certification upon request.



\* Kilograms emitted per kilogram of aluminium produced - Aluminium Smelting, Casting and rolling.  
Based on SGS "Product Carbon Footprint" (PCF) certification.



# LocAl® 5083 Plate

## Special Order

For heavy-duty applications where strength and durability are critical, Capral can supply LocAl® 5083 plate on an indent basis. Produced with a carbon intensity of <7kg CO<sub>2</sub>e per Kg Al this alloy delivers both performance and sustainability benefits.

### We can provide:

- 5083 Alloy with <7 t CO<sub>2</sub>e/1t Al\*
- Supplied on special order (indent basis)
- DNV-certified plate options available (up to 51 mm thick)

### Lead time:

4–5 months

### Available Sizes:

- Gauges:** 3–120 mm  
(DNV certified to 51 mm)
- Max width:** 2500 mm
- Max length:** 11,800 mm

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### Certified Sustainability

Capral LocAl® Aluminium 5083 Plate can be supplied with both LocAl® and ASI CoC Certification upon request.



\* Figures based on Scope 1 and 2 (Operational emissions) and Scope 3 (Primary footprint and upstream transportation ex manufacturer)

# Why Lower-carbon Aluminium Matters

Aluminium is strong, lightweight, and endlessly recyclable. But did you know that producing 1kg of primary aluminium creates, on average, 12.46\* kg of CO2e?

By choosing lower-carbon aluminium, these emissions can be significantly reduced. LocAl® Aluminium offers a responsibly sourced solution for projects across construction, engineering, marine, transport, defence, renewable energy, and general fabrication.

*\* Based on international average kilograms emitted per kilogram of aluminium produced – Aluminium Smelting and Casting - International Aluminum Institute (IAI).*

## Why it matters:

- Reducing carbon emissions mitigates the effects of global climate change.
- Lowering CO2e improves public health and helps sustain biodiversity.
- Cutting emissions supports cleaner air, water, and food security.
- Responsible procurement helps future-proof businesses and align with corporate Environmental, Social, and Governance targets.

LocAl® Aluminium empowers your business to make a responsible choice – reducing embodied carbon, strengthening your sustainability story, and delivering a positive impact on our climate.



To learn more about  
LocAl® Lower-carbon Aluminium  
products visit:

[lowcarbonaluminium.com.au](https://lowcarbonaluminium.com.au)

**CAPRAL**  
ALUMINIUM

The logo for Capral Aluminium, featuring the word 'CAPRAL' in a large, bold, sans-serif font above the word 'ALUMINIUM' in a smaller, all-caps, sans-serif font.