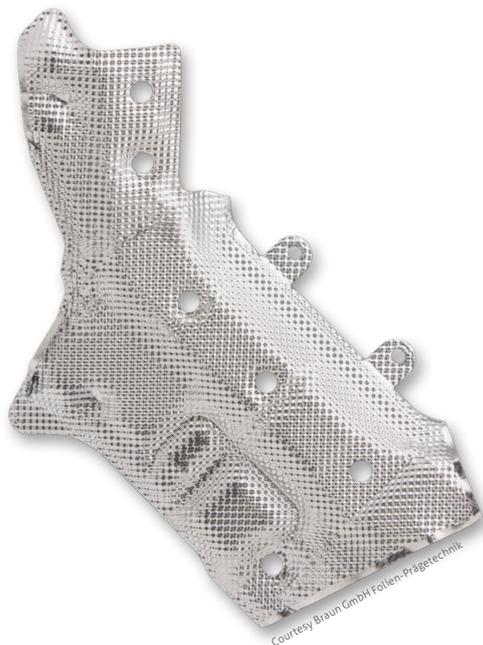


# Automotive components



Aluminium's high strength-to-weight ratio, corrosion resistance, ease of processing, and recyclability make it the preferred material for automotive components.



By utilising aluminium to its full potential, OEMs can optimise the performance of their mobility solutions while ensuring reliability and cost-effective performance.

Aludium's mills produce rolled aluminium alloys of the highest quality. They meet the specific technical requirements of OEMs in the mobility sector and exhibit excellent forming behaviour. Aludium supplies a wide range of alloys suitable for components and trim elements of cars, trucks, buses, and rail. Our alloys are already used to manufacture a range of automotive applications including:

- Brake systems
- Door and seat systems
- Brackets, wipers and gaskets
- Fuel and oil tanks
- Heat exchangers and shields
- Radiators, condensers and coolers
- Interior and exterior trim
- Motor covers and access hatches
- Stairs and ladders.

## Dedicated inhouse research team

Through our Cindal R&D Centre, customers in the mobility sector have access to some of the industry's leading aluminium researchers. They work directly with OEMs to develop the best alloys, solutions, and processes for each mobility application. The Cindal team can help you with:

- FLD and complete data sets which will shorten the time-to-market for your products
- Sample analysis and benchmarking
- Specify the right alloy and properties for new applications
- Improve the quality and finish of your components.

Contact us today to find out how we can help you



## Technical data

Alloys	1xxx, 3xxx, 5xxx, 8xxx
Format	Coils, slit coils, and sheets
Certifications	ISO 9001:2000 Quality standard
	ISO 14001 Environmental standards
	ISO 17025
	ISO 50001
	IATF 16949 Automotive
	OHAS 18001

### Surface quality

Our products meet the most demanding surface treatment requirements for electrical and chemical brightening, anodizing, lacquering, brushing, laser engraving, lithography, and silk-screen printing.

### Formability

In addition to surface finish and reflectivity, many applications demand aluminium with optimised mechanical properties.

Aludium provides alloys which have the necessary metallurgical structure and mechanical properties to meet the demands of our customers' forming processes. These include deep drawing, bending, stamping, flanging, roll forming, and hydroforming

### Packaging and surface protection

Aludium can deliver our products with surface protection such as interleaved paper or plastic film, customised to your individual requirements. Products are delivered on pallets or in cases. Contact us to discuss your requirements.

