

AUTOMOTIVE

CREATE  
THE  
DIFFERENCE



AUTOMOTIVE

## Experts in coil-coating technologies

As specialists for functional and decorative thin-film surfaces on metal coils, we are the only company in the world to offer you all process technologies from a single source, from anodising and PVD coating to individually developed coating systems.

In addition to unsurpassed material properties and a variety of possible designs, our surface finishes also offer you significant economic advantages: the use of pretreated metal coils or panel blanks results in significant cost savings in the production process. Our products are immediately ready to use and are prepared for printing, back-injection moulding and extrusion with plastic, or for use in the laminates industry without needing any additional action.

## Innovative surface systems for your requirements

We continually strive to design innovative and sustainable products. Today, newly defined process combinations allow for surface properties that offer an innovative edge in both the decorative and functional fields.

Our interdisciplinary development team works closely with long-standing industrial partners and international research institutes to achieve perfect, convincing results and develop new solutions for the future.

# Comprehensive automotive solutions

When it comes to decorative aluminium components or surface-finished metals for functional use in the automotive sector, we are the reliable partner for automobile manufacturers and suppliers. Whether for interior or exterior use, our product range can be used in a wide variety of applications.

From door sills and trims to emblems and speaker covers – we can supply you with the ideal semi-finished products for a range of decorative parts. **Our anodised, lacquered and PVD-coated products are refined using a continuous coil-to-coil method. This delivers impressive properties, such as scratch resistance, anti-fingerprint technology, good plasticity and easy printability.** In addition, innovative methods such as laser perforation allow various possibilities for ambient lighting solutions in interiors. Further functional finishes can be used to produce economical aluminium/plastic hybrid components and parts for battery components used in the e-mobility sector.

We are constantly working with industry and development partners to further develop our automotive portfolio – feel free to contact us if you are looking for new solutions for your application.

## LAYER STRUCTURE

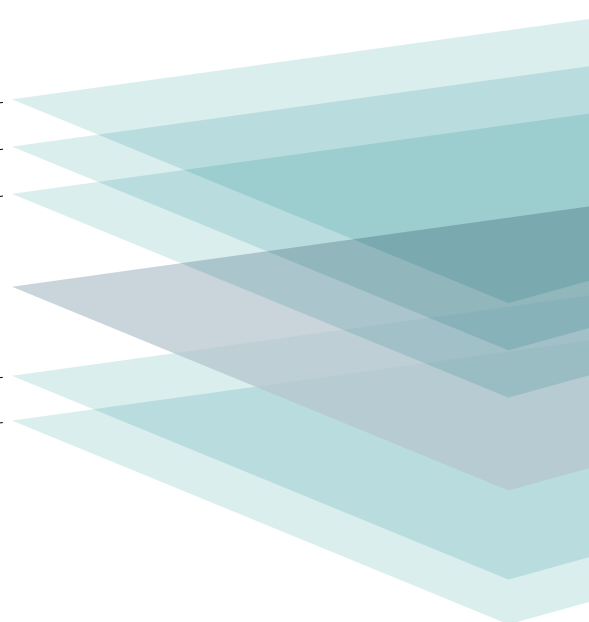
Protective film

Decorative/functional topcoat

Anodic layer

Enhancing adhesion layer

Primer/thermoplast film



## DECO PRIME® MAKES A DIFFERENCE

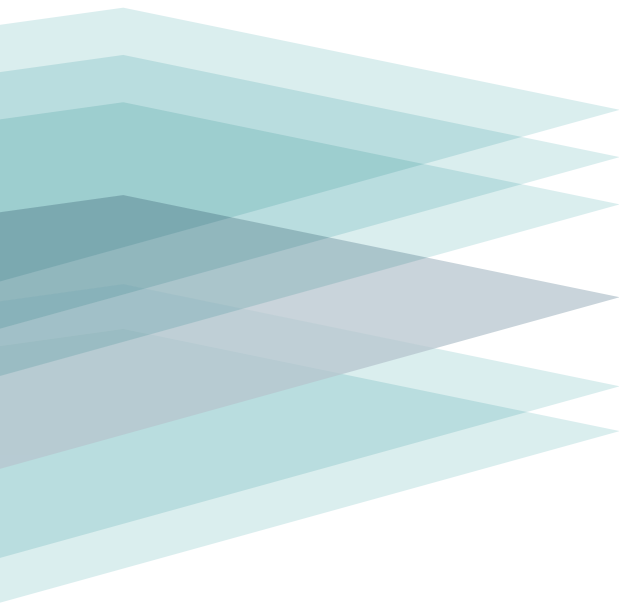
With our DECO PRIME® product range we offer you a multi-industrial and production-ready portfolio that allows modular product design. Whether anodised, lacquered or PVD-coated all our products are production ready and perfectly eco-balanced. Choose from a great variety of designs, be it coloured, UV-stable, high-gloss, matt brushed or clearly structured.

## CERTIFIED EXCELLENCE

The high quality of Alanod products and services is the basis for customer satisfaction. In a specially designed test and development centre our products are evaluated and measured in accordance with international standards and constantly improved. In addition, we continuously monitor all our processes and our quality management system is certified according to DIN EN ISO 9001:2015.

We fulfil the following standard requirements:

DIN EN ISO 9001:2015 Quality  
DIN EN ISO 14001:2015 Environmental protection  
DIN EN ISO 50001:2011 Energy



ALANOD® aluminium



## LIFE CYCLE AND RECYCLING

Due to the excellent recycling properties of aluminium, our materials can be produced using recycled material. The percentage of used recycled aluminium can be as high as 90%, depending on the alloy and surface quality needed.

Following a long service life, all Alanod materials may be completely recycled at low energy costs and virtually no loss. The energy required to produce aluminium from recycled material is up to 95% lower than the energy needed to produce primary aluminium from bauxite ores. This not only preserves the natural bauxite reserves but also saves resources, leading to more sustainable production.

Aluminium



## QUALITY OVERVIEW

Quality name	DECO PRIME 4	DECO PRIME 6	DECO PRIME 12	DECO PRIME 14	DEKONOX	DECO PRIME 4 FL22
Max. width	1,250 mm	1,250 mm	1,250 mm	1,250 mm	1,250 mm	1,250 mm
Min. thickness	0.3 mm	0.3 mm	0.4 mm	0.2 mm	0.3 mm	0.3 mm
Max. thickness	1.0 mm	1.0 mm	1.0 mm	0.8 mm	1.0 mm	1.0 mm

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