SURFACES FOR EXTRAORDINARY AUTOMOTIVE DESIGN

CREATE
THE
DIFFERENCE

alanod

AUTOMOTIVE

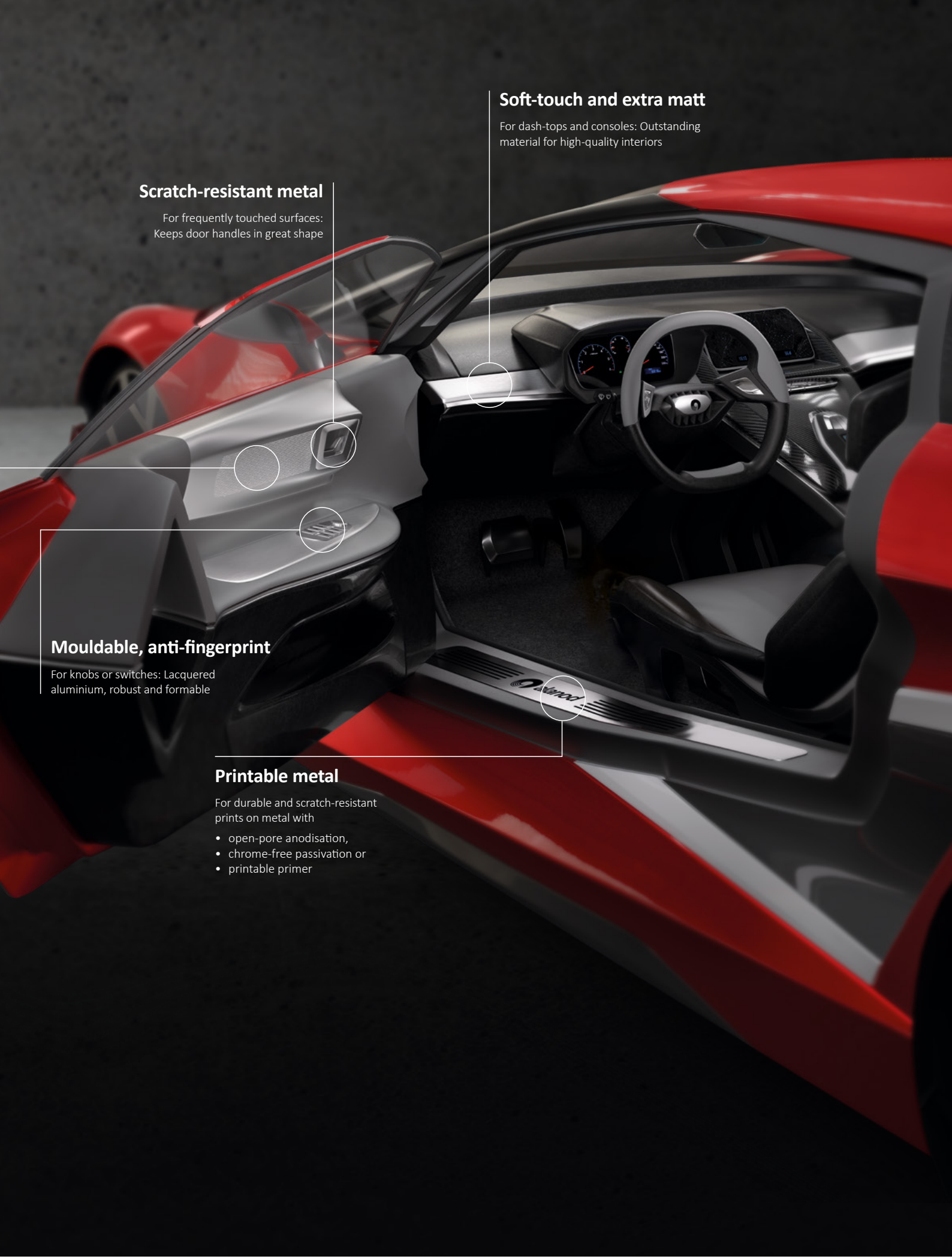
Stainless steel composite

For speaker covers: Created in a PVD nanotech process

Surfaces for extraordinary automotive design

Exclusive look, feel and functionality

In automotive design, real metal surfaces add accents of coolness and high quality. With Alanod's surfaces you can now incorporate exciting premium aluminium surfaces into your interior for an exclusive haptic and visual experience.



Soft-touch and extra matt

For dash-tops and consoles: Outstanding material for high-quality interiors

Scratch-resistant metal

For frequently touched surfaces: Keeps door handles in great shape

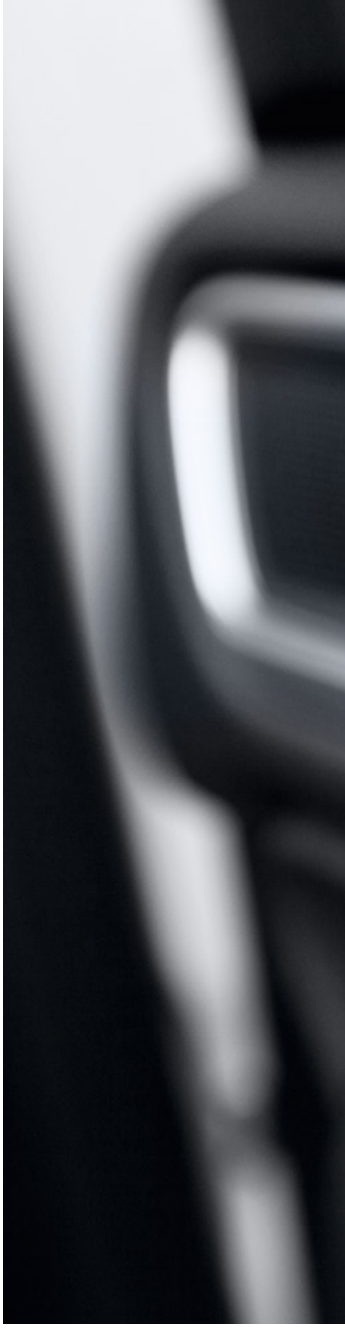
Mouldable, anti-fingerprint

For knobs or switches: Lacquered aluminium, robust and formable

Printable metal

For durable and scratch-resistant prints on metal with

- open-pore anodisation,
- chrome-free passivation or
- printable primer



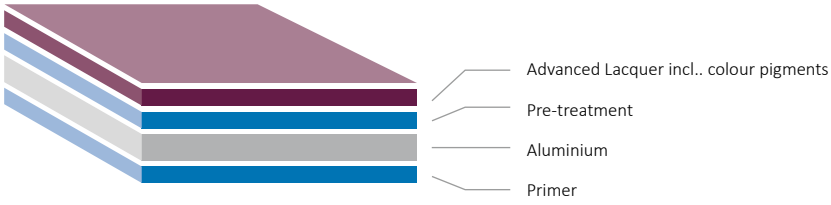
Applications
- Often touched surfaces
- Door sill trims
- Centre consoles
- Door panels
- Storage compartments
- Cockpit panels
- Knobs and switches (ventilation, etc.)

Scratch-resistant

The premium DECO PRIME® aluminium strip can be finished with a patent-pending, in-line hardened lacquer surface. It is extremely scratch-resistant and yet can be moulded without any issues. The scratch-resistant real metal surface is ideal for surfaces that are frequently touched, such as door handles. Thanks to a primer layer or thermoplastic film, the material is ready to be used immediately.

DECO PRIME® ADVANCED

A special UV lacquer adds additional scrub resistance, making the surface robust for cleaning and resistant against stains.



Applications
- Trims and covers
- Door panels
- Cockpit panels
- Center consoles

Matt, Anti-fingerprint, and Soft-Touch

Extra matt

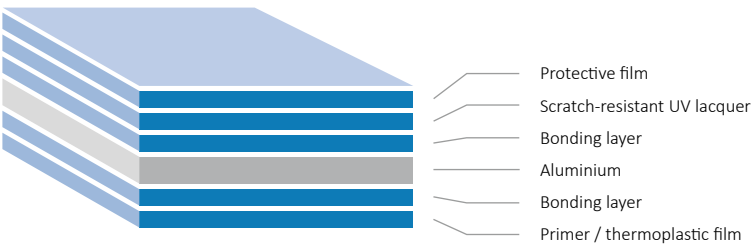
Anti-fingerprint

Soft touch

MAST stands for **M**att, **A**nti-fingerprint, **S**oft-**T**ouch. It combines the coolness of the real metal with a velvety touch – and avoids the appearance of fingerprints, typical of stainless steel surfaces. DECO PRIME® MAST is available from 0,1–1,0mm thickness, either brushed or in mill finish. It is coated with translucent pigments and can be pre-treated with adhesion primers for bonding to various plastics (ABS, PVC, etc.).

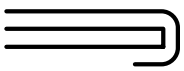
DECO PRIME® MAST

By incorporating colour pigments during the anodising process, we produce long-term, stable, coloured surfaces. The material still retains its natural, metallic character.



Our basic lacquered product

Real metal



Post-forming

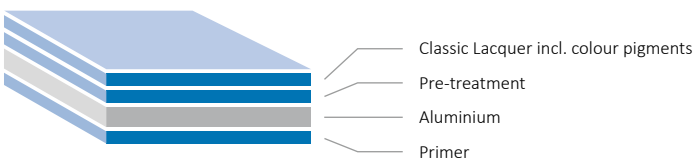
To enrich your automotive interior design with a subtle feeling of class and noblesse, add a real metal surface design in various colours. With our DECO PRIME® CLASSIC- L surfaces you can apply real metal to almost any surface adding an infinite range of colours to choose from, with individual colours being available on request.

Surfaces from real metal add exclusive accentuation to your interior design

The ability to be post-formable makes it easy to integrate it in your automotive interior in a range of possible ways. That way, you can use the surface in all dimensions, following curvatures and enhancing the design flow in your concept.

DECO PRIME® CLASSIC-L

Choose from a variety of colour coatings, structures and give your car design an emotional metallic touch.



Applications
- Accentuated areas
- Trims and covers
- Door panels
- Control surfaces

Colourful surfaces

Colour range

Give your automotive interior design a lasting, emotional metallic touch – with a stunningly brilliant colour coating. DECO PRIME® offers you a virtually infinite range of colours to choose from. Individual colours are available on request. DECO PRIME® coloured surfaces are available in 0.1 mm, 0.2 mm or 0.75 mm thickness; brushed, in mill finish, or in high gloss mirror finish.

DECO PRIME® MAST

Choose our additional soft touch lacquer which helps to avoid the appearance of fingerprints, and add a special velvet feeling to the surface. It comes also with an extra matt surface.


champagne


bronze


stainless steel

natural


graphite


anthracite


green

DECO PRIME® ADVANCED & CLASSIC-L

Choose from a variety of colour coatings and structures, and give your applications an emotional metallic touch.


champagne


gold

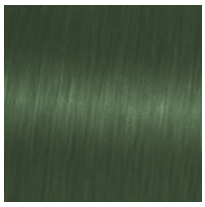

copper


bronze


steel


stainless steel


natural


green


dark bronze


graphite


anthracite

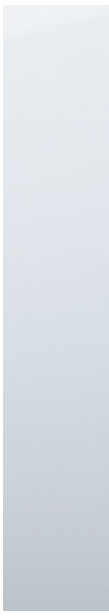
Shown above are our standard colours. Other colours and nuances available. Please contact us directly to see more options.

Printable metal

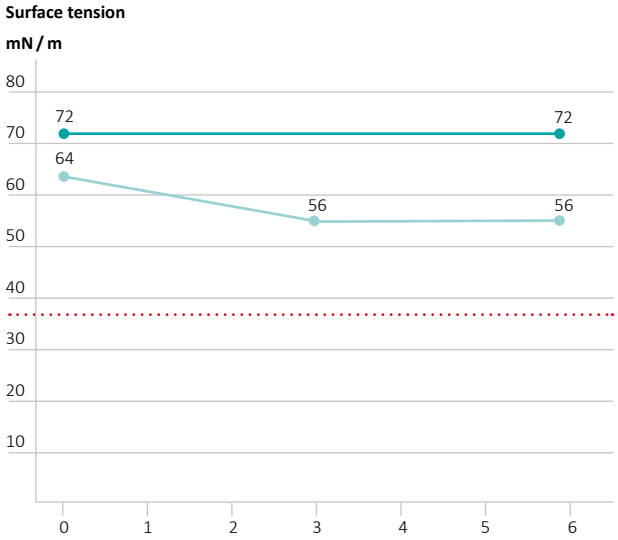
Whether it's branding or a pattern: a sophisticated print on real aluminium creates a special sense of prestige. Prints on metal are also virtually unbeatable in terms of durability. The unique DECO PRIME® offers completely new ways and possibilities for you. DECO PRIME® is based on genuine aluminium, which has been given a special coating.

The ready-to-use surface can be printed without further conditioning using a variety of processes before being formed. Thanks to its unique surface properties, forming in no way damages the print, and the surface also remains crack-free and scratch-resistant.

Applications
- Emblems
- Sill trims
- Edition signs
- Entry profiles



DECO PRIME can be stored for extended periods without oxidation.

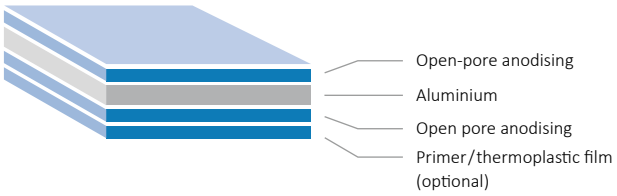


Values based on the following storage conditions: 20°C room temperature, 50% humidity.

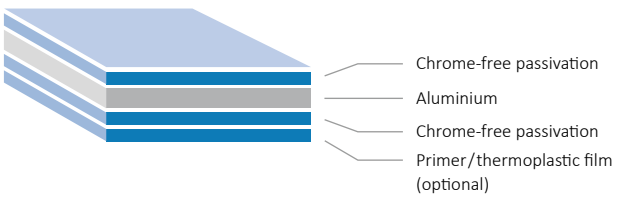
DECO PRIME®

Choose from these three finishes to suit your print requirements:

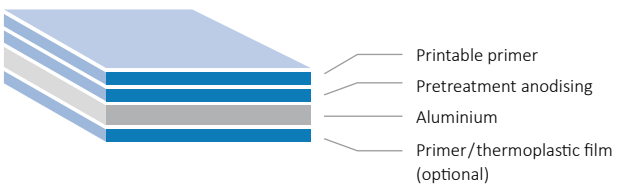
DECO PRIME® with open-pore anodisation



DECO PRIME® chrome-free passivation



DECO PRIME® with printable primer



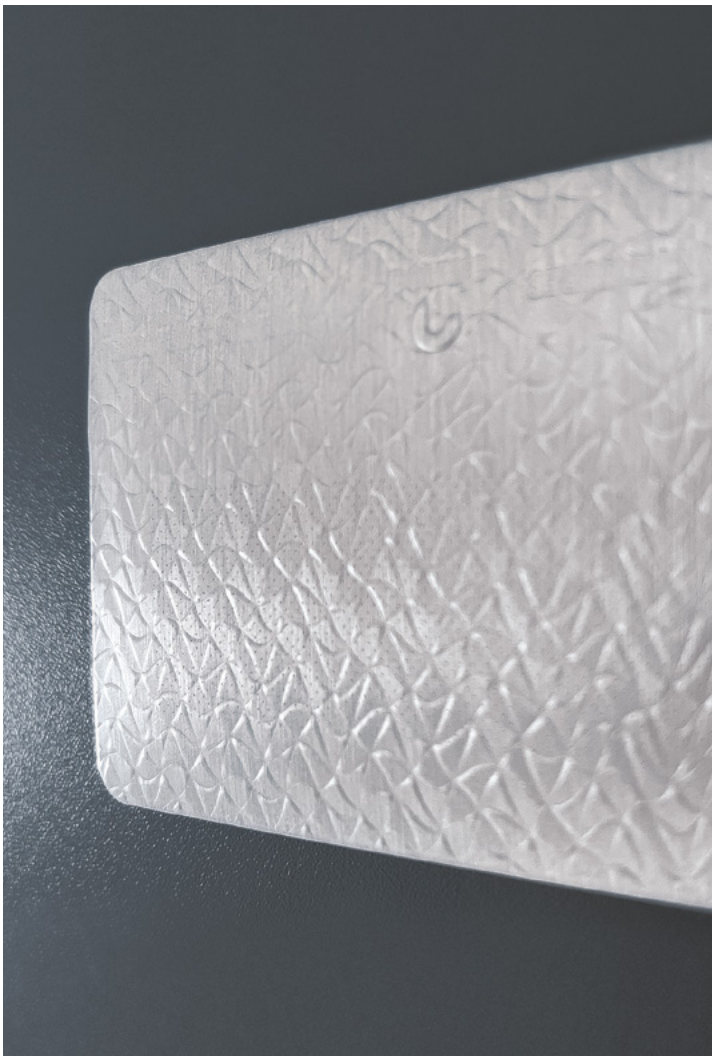
Whatever you imagine, we help you realise it

In automotive design, every project needs new impulses and ideas. With Alanod's system development at your side, you have a wide range of options and opportunities to expand your design into new areas.

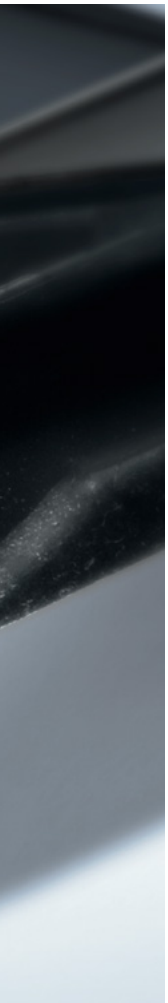
The technologies and processes we offer inspire your imagination and creativity and give you the certainty that what you can imagine can be realised.

Decorative and / or functional coating – We are able to create surfaces with with special properties, e.g. colouring or extra protection. Enrich your automotive interior design with our lacquered surfaces.

Material Compounds – In an extrusion process, Alanod surfaces can be bonded, back-injected and formed with plastics. These products offer economical advantages and help you reduce the weight of components.



In Mould decoration – Our surfaces offer ideal conditions for grained structures, e.g. resembling natural materials such as leather or stone. This creates high-quality accentuated surfaces, e.g. for car cockpits, trims and covers.



PVD on metal – PVD technology (physical vapor deposition) is used to create durable metal composite surfaces with decorative (e.g. metal colouring) or functional (e.g. electrical conductivity) properties. Layers of genuine metal are deposited on materials such as aluminium or stainless steel.

Care for the Environment

Conserving natural resources has been part of our corporate philosophy ever since our company was founded in 1975. Today, Alanod is a climate-neutral, sustainably run company. Due to the excellent recycling properties of aluminium, our materials use up to 90% recycled aluminium. This consumes up to 95% less energy compared to primary aluminium production.

CLIMATE NEUTRAL
COMPANY
certified by Fokus Zukunft
climate neutral via offsetting

Our cutting-edge post-combustion technology enables production of all of our materials without the need for excessive energy input. All our electricity needs are met using “100% green” energy sources.

Made in Germany

Our high-tech materials are all manufactured at our sites in Germany.

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