

EXTERIOR APPLICATIONS



CREATE
THE
DIFFERENCE



Tailor-made for every façade

The Alanod range of thicknesses varies from 0,1 mm to 1,5 mm, offering the option to incorporate our surfaces in various structural elements and allowing the façade designer to use different techniques to complete projects.

To enhance the connection of Alanod surfaces to the structural material, such as the ACP (aluminium composite panel), HPL (high pressure laminates) full core panels and honeycomb panels, an extensive range of primers is available. This means our surfaces can be supplied as already finished material ready for production.

LAYER STRUCTURE

Removable protective film

Protective top coat

Anodic layer – brightened or etched surface

ALANOD® aluminium

Enhancing adhesion layer

Special coating or primer

[available on request]

ALANOD® PRODUCTS



DECORATIONS THAT MAKE THE DIFFERENCE

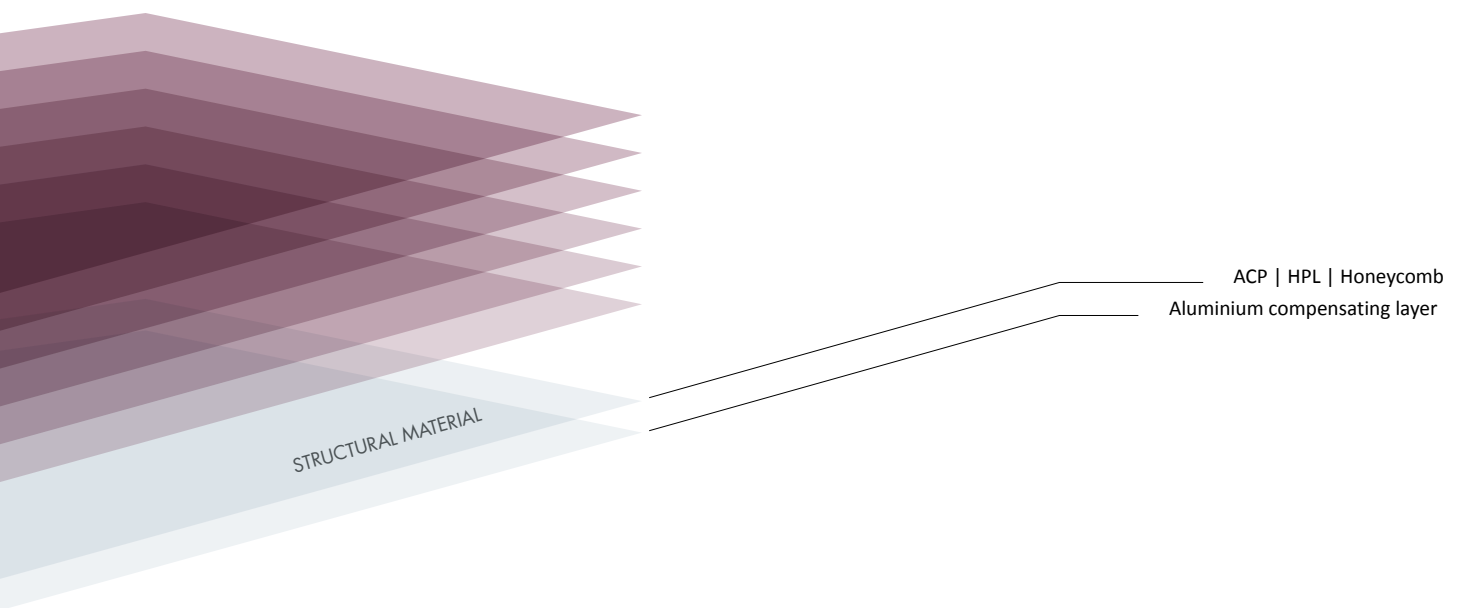
We have two different protective coatings developed specifically for the requirements of façade design.

- FL01 is an extra clear, thin protective coating suitable for our DECO PRIME 4 mirrored surface. It is a highly transparent, hard and brilliant lacquer, slightly formable or not formed at all at later stages.
- FL22 is a translucent formable protective coating suitable for all our surface finishing. It allows for the finished product to be bent and roll-formed, recommended for cassette panels.

Alanod translucent coloured aluminium surfaces, only available with an FL22 coating, retain the metallic appearance and reflection properties with all their nuances. Today our range includes coloured options of gold, copper, bronze, stainless steel, and anthracite. Our treatments maintain all the advantages of aluminium's lightweight and easy workability.

Alanod products for façades and outdoor decorative applications are guaranteed for a period of 20 years*.

*According to our terms of warranty for Alanod façade products.



CERTIFIED EXCELLENCE

The high quality of Alanod products and services is the basis for customer satisfaction. In a specially designed test and development centre with application-specific testing facilities, 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

SURFACES THAT PASS THE TEST

We submitted our surfaces to a multitude of tests that prove their excellent properties under various conditions.

MAIN TESTS THAT WERE PASSED*:

	Standard	DECO PRIME 4		DECO PRIME 30	DECO PRIME 152	DECO PRIME 711
		FL01	FL22	FL22	FL22	FL22
Resistance to salt spray	DIN EN 13523-8	Index 3	Index 3	Index 3	Index 3	Index 3
Gloss	DIN EN 13523-2	✓	✓	✓	✓	✓
Colour difference	DIN EN 13523-3	✓	✓	✓	✓	✓
Resistance to fluorescent UV radiation and water condensation	DIN EN 13523-10	✓	✓	✓	✓	✓

* Comprehensive tests information are available upon request

LIFECYCLE 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.



GENERAL OVERVIEW OF THE QUALITIES:

Quality name		DECO PRIME 4	DECO PRIME 30	DECO PRIME 152	DECO PRIME 711
Description		gloss mirror	ghost line	blur	brushed
Max. width		1.250 mm	1.250 mm	1.250 mm	1.350 mm
Min. thickness		0,3 mm	0,5 mm	0,3 mm	0,1 mm
Max. thickness		1,0 mm	0,5 mm	1,0 mm	1,0 mm
Front side*	FL01	✓	–	–	–
	FL22	✓	✓	✓	✓
Reverse side*	RP01	✓	✓	✓	✓
	RP05	✓	✓	✓	✓
Warranty**		20 years	20 years	20 years	20 years

* This table illustrates the general capability. Please ask for specific requests. ** According to the terms and conditions of our warranty for façade products, available upon request.

FL01: extra clear thin protective coating
FL22: translucent formable protective coating
RP01: primer for HPL
RP05: primer for honeycomb, PE, epoxy

Quality, environmental protection and energy consumption

As part of the Alanod corporate policy, realising our strategic goals must fall in line with our quality, energy, and environmental management goals. This means that all processes are evaluated holistically, not just in terms of profit maximisation.

We are committed to improving our ecological impact by sustainably working on environmental protection, the minimisation of pollution, compliance with emission limits and the preservation of natural resources.

Furthermore, we strive to continuously reduce our energy consumption and the associated CO₂ emissions. By using electricity from renewable energy sources (100% hydropower), we significantly lower our CO₂ emissions.

When it comes to resources and energy use, our motto is “As much as necessary – as little as possible”.

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