

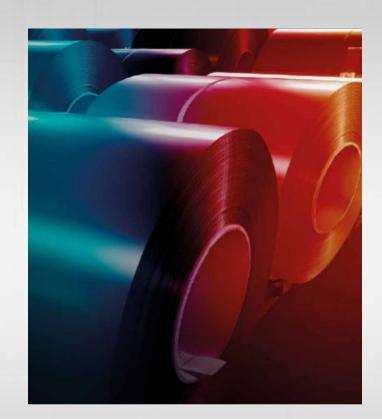


Our companies are a **point**of reference in Italy and in the world
for the production, development
and sales of pre-painted aluminium
and steel and related consulting services.

Our innovative approach, founded on a non-conventional view of the worlds we focus on, has led us to create a veritable industrial **atelier** so that we can fully satisfy any demand from the market of semi-finished **aluminium** and **steel** products.

METALCOAT

Production of pre-painted aluminium and steel coils, consulting services, development and sales in Italy, Europe and U.S.A.





Thanks to our **products**, we are able to meet design requirements in the supply of pre-painted metals for numerous **industrial** sectors, ranging from **architecture** and **design** – increasingly oriented towards the realization of customised, cutting-edge projects with a focus on environmental sustainability – to manufacturers of **home appliances** and **automotive** and **naval** components.

Our commitment is to be reliable, competent **partners**, capable of providing our customers with a flexible, high-quality service that ranges from consultancy to the supply of materials till after-sales support.









Our Collections

Substrates

Our expertise, built up in over forty years in the world of coil coating, enables us to coat any type of aluminium and steel.

Coating cycles

Thanks to our production capacity, a result of **know-how** and **research** & **development**, we are capable of offering several **coating cycles** to guarantee designs with the right gloss levels, resistance to external agents and durability.

Finishing

We offer a very broad range of highly diversified **Classic**, **Premium** and **On-demand** finishes to best fit the needs of every project.

premium on-demand



A-POLIESTERE

Polyester coating products are characterized by **mixed polymer** binders comprising oil free polyester and amino resins.

A-Poliestere provides good **flexibility** and outdoor **resistance** (RUV2/3), as well as ensuring an excellent **cost/performance** ratio.

These features make this a category of coatings suitable for both **industrial** applications and **architectural** use.

> Support: aluminium, galvanized steel

> Applications: outdoor, indoor













Technical Features

TEST	VALUE	REFERENCE STANDARD
Thickness	22 - 28	EN 13523-1 (ECCA T1)
Gloss	*	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T**	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T**	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} see table below

^{**} according to the characteristics of the support

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (opaque)	0 - 30	+/- 5 units
2 (semi-opaque or semi-opaque)	31 - 70	+/- 7 units
3 (glossy)	71 - 100	+/- 10 units

TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER: 4 - 6 microns

TOP COAT:

polyester 18 - 22 microns

BACK SURFACE

BACK COAT:

foamable 4 -6 microns

or

BACK COAT:

matching colour 12 - 14 microns

Coating used: compliant with RoHS directive



A-POLIAMMIDICO

Polyamide coatings are distinguished by having polyamide polymer **powders** dispersed inside the paint.

As a result, **A-Poliammidico** creates an "orange peel" effect on the surface of profile sections that is particularly resistant to scratching.

The quantity of powder dispersed in the film directly determines the level of abrasion resistance. The gloss levels range from semi-gloss to matt.

This product is used in all applications in which materials are subject to significant **abrasion**, like for example roller blinds.

> Support: aluminium, steel

> Applications: outdoor













TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE
PRIMER:
4 - 6 microns
TOP COAT:
polyamide 18 - 22 microns

BACK SURFACE BACK COAT: 4 - 6 microns

Coating used: compliant with RoHS directive

VALUE	REFERENCE STANDARD
25 - 40*	EN 13523-1 (ECCA T1)
± 10 value of the master	EN 13523-2 (ECCA T2)
F-H	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
OT - 1T**	EN 13523-7 (ECCA T7)
0T - 2,5T**	EN 13523-7 (ECCA T7)
> 100	EN 13523-11 (ECCA T11)
	25 - 40* ± 10 value of the master F - H 100% 100% OT - 1T** OT - 2,5T**

^{*} the measured thickness (DFT) is apparent



^{**} according to the characteristics of the support

A-WRINKLED

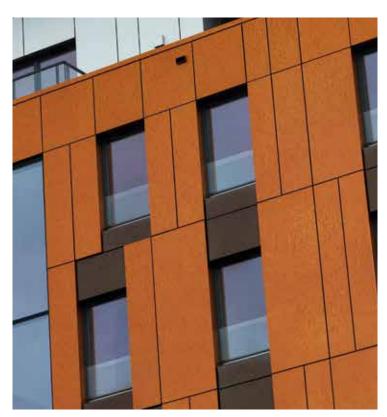
These products are based on a characteristically **wrinkled polyester** resin.

A-Wrinkled thus offers good flexibility, good outdoor resistance (RUV3), an excellent cost/performance ratio, as well as creating a "fake tile" effect with very low gloss levels.

These features make this category of coatings suitable both for industrial contexts and in architecture.

> Support: aluminium, steel

> Applications: outdoor













TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER: 4 - 6 microns TOP COAT: wrinkled polyester 18 - 22 microns

BACK SURFACE

BACK COAT:

foamable 4 - 6 microns

or

BACK COAT: matching colour 13 - 16 microns

Coating used: compliant with RoHS directive

VALUE	REFERENCE STANDARD
40±10 / 55±10*	EN 13523-1 (ECCA T1)
5±2	EN 13523-2 (ECCA T2)
F-H	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
OT - 1T**	EN 13523-7 (ECCA T7)
OT - 2,5T**	EN 13523-7 (ECCA T7)
> 100	EN 13523-11 (ECCA T11)
	40±10 / 55±10* 5±2 F - H 100% 100% OT - 1T** OT - 2,5T**

^{*} the measured thickness (DFT) is apparent

^{**} according to the characteristics of the support

A-POLIURETANICO

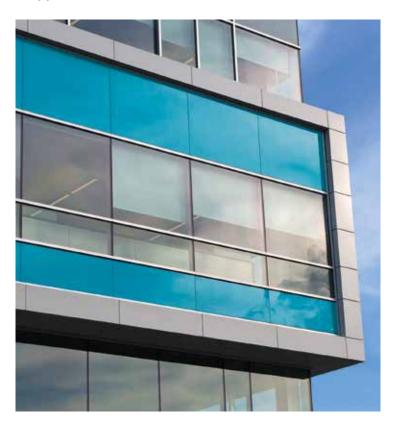
A-Poliuretanico paint offers a coating with the same **performance** as **polyester** paint, but with greater elasticity.

The gloss levels range from high gloss to matt.

Polyurethane products are mostly used on **buildings**.

> Support: aluminium, steel

> Applications: outdoor







TREATMENT

passivation **TOP SURFACE**PPRIMER:

4 - 6 microns

TOP COAT:







Technical Features

TEST	VALORE	NORMA DI RIFERIMENTO
Thickness	22 - 28	EN 13523-1 (ECCA T1)
Gloss	*	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T**	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2T**	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} see table below

BACK SURFACE
BACK COAT:
foamable 4 -6 microns or
BACK COAT:
matching colour 12 - 14 microns

polyamide 18 - 22 microns

2 degreasings + chrome-free

Coating used: compliant with RoHS directive

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (opaque)	0 - 30	+/- 5 units
2 (semi-opaque or semi-opaque)	31 - 70	+/- 7 units
3 (glossy)	71 - 100	+/- 10 units



^{**} according to the characteristics of the support

A-PVDF (polyvinylidene fluoride)

PVDF or **polyvinylidene fluoride** coatings are based on a mixture of **polyvinylidene fluoride** and acrylic **resins**.

Its self-cleaning properties and low frictional coefficient makes **A-PVDF (polyvinylidene fluoride)** a top performance coating that can be applied on panelling for outdoor applications.

This makes it the top performance paintwork for the **building** sector, offering great **flexibility**, extremely good **resistance** to chalking, and gloss and colour fastness.

> Support: aluminium, steel

> Applications: outdoor













TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER FOR PVDF: 4 - 5 microns TOP COAT PVDF: 18 - 22 microns

or

PRIMER PVDF: 10 microns
BASE COAT PVDF: 15 microns
TOP COAT PVDF:

transparent 12 microns

BACK SURFACE

BACK COAT:

foamable 4 - 6 microns

or

BACK COAT: matching colour 12 - 14 microns

Coating used: compliant with RoHS directive

TEST	VALUE	REFERENCE STANDARD
Thickness	22 - 40*	EN 13523-1 (ECCA T1)
Gloss	**	EN 13523-2 (ECCA T2)
Pencil hardness	HB - H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T***	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	OT - 2T***	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)
		

^{*} greater thicknesses available on request

^{**} according to the characteristics of the support

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (opaque)	0 - 20	+/- 5 units
2 (semi-opaque or semi-opaque)	21 - 40	+/- 7 units



^{**} see table below

A-SUPER-POLIESTERE

Super-polyester paintwork is characterized by an extremely high resistance to solar radiation.

For this reason products coated with **A-Super-Poliestere** are classed as "long-life" thanks to their high resistance to chalking and guaranteed colour fastness over time.

These special features make super-polyester a category of coatings suited to **residential** buildings, especially in areas that experience high levels of solar radiation.

> Support: aluminium, galvanized steel

> Applications: outdoor













TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER: 4 - 6 microns TOP COAT: super-polyester 18 - 22 microns

BACK SURFACE

Foamable 4 - 6 microns

BACK COAT: matching colour 12 - 14 microns

Coating used: compliant with RoHS directive

TEST	VALUE	REFERENCE STANDARD
Thickness	22 - 28	EN 13523-1 (ECCA T1)
Gloss	*	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T**	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	OT - 2,5T**	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)
		-

^{*} see table below

^{**} according to the characteristics of the support

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (opaque)	0 - 30	+/- 5 units
2 (semi-opaque or semi-opaque)	31 - 70	+/- 7 units
3 (glossy)	71 - 100	+/- 10 units



A-LUMIFLON

Lumiflon is a coating variety containing **fluorinated resins**, which give rolled metals excellent resistance to atmospheric agents and chemical resistance, with equal adhesion to the metal base material as **PVDF paint** but a **higher** level of **gloss**.

A-Lumiflon has good self-cleaning properties, a low frictional coefficient, and is the coating that ensures **the highest** achievable **performance** for outdoor panelling.

These characteristics make **A-Lumiflon** ideal for the **building** sector, where it provides great flexibility, excellent resistance to chalking, with durable colour and gloss.olore.

> Support: aluminium, steel

> Applications: outdoor













TREATMENT

2 degreasings + chrome-free passivation (GRANODINE 1455T)

TOP SURFACE

PRIMER FOR PVDF: 4 - 6 microns BASE PVDF: 18 - 22 microns TRANSPARENT LUMIFLON 13 - 17 microns

BACK SURFACE

BACK COAT:

foamable 4 - 6 microns

or

BACK COAT:

matching colour 12 - 14 microns

UV Radiation Resistance Category: RUV4 Coating used: compliant with RoHS directive

VALUE	REFERENCE STANDARD
35 - 45	EN 13523-1 (ECCA T1)
> 50	EN 13523-2 (ECCA T2)
НВ - Н	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
0T - 1T*	EN 13523-7 (ECCA T7)
0T - 2T*	EN 13523-7 (ECCA T7)
> 100	EN 13523-11 (ECCA T11)
	35 - 45 > 50 HB - H 100% 100% OT - 1T* OT - 2T*

^{*} according to the characteristics of the support



A-POLIGREEN

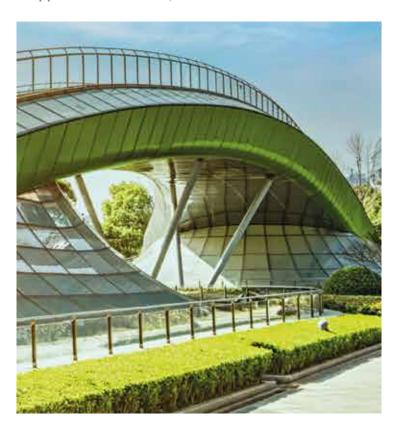
A-Poligreen is the result of the partnership between our **knowhow** technology and the innovative capacity of Salchi Metalcoat, which has produced Biomoco®, the sustainable and "smart" paint generated from raw materials from renewable sources.

A-Poligreen is able to guarantee technical characteristics consistent with polyester paints on the market today: good flexibility, good outdoor resistance (RUV3) and excellent ratio cost/performance.

Thanks to these peculiarities, it is a type of coating that can be used for both industrial and architectural purposes.

> Support: aluminum, steel

> Applications: outdoor, indoor















TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER: 4 - 6 microns

TOP COAT:

polyester 18 - 22 microns

BACK SURFACE

BACK COAT:

foamable 4 - 6 microns

or

BACK COAT:

matching colour 12 - 14 microns

Coating used: compliant with RoHS directive

TEST	VALUE	REFERENCE STANDARD
Thickness tot	25 ±	EN 13523-1 (ECCA T1)
Gloss	*	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T**	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T**	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} see table below

^{**} according to the characteristics of the support

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (opaque)	0 - 30	+/- 5 units
2 (semi-opaque or semi-opaque)	31 - 70	+/- 7 units
3 (glossy)	71 - 100	+/- 10 units



Finishing

Classic

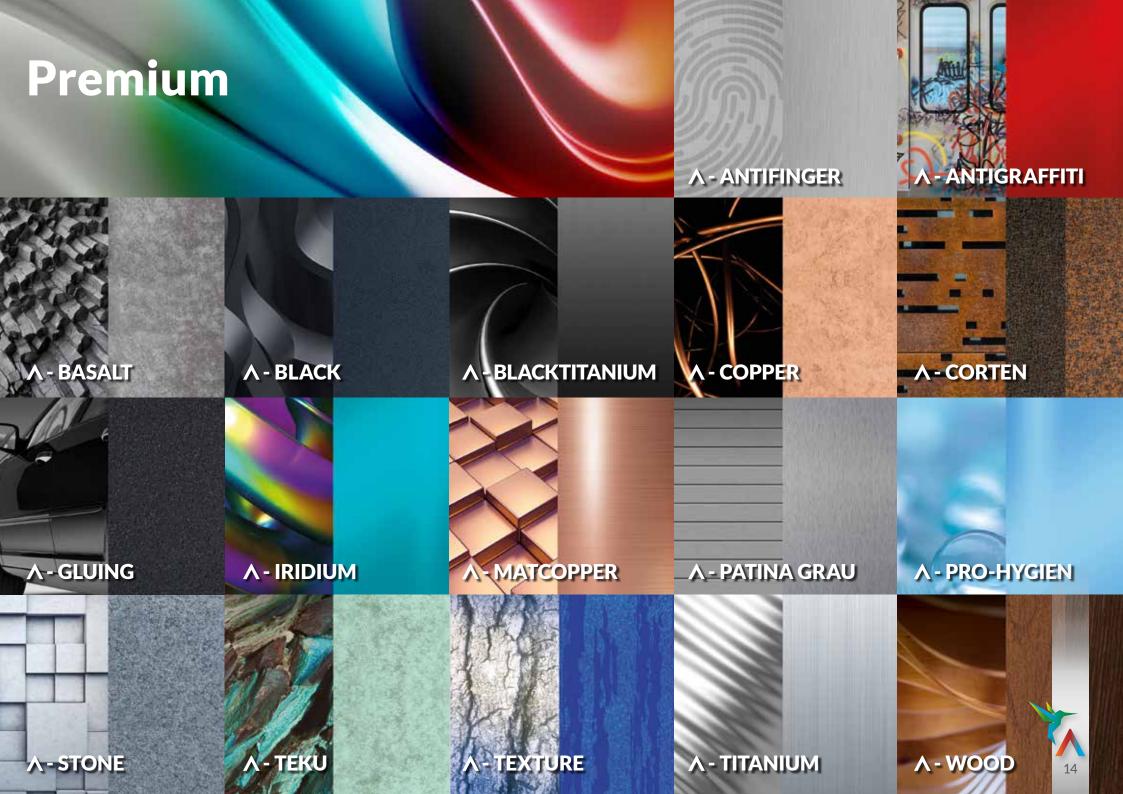
We coat metal laminates in a practically **infinite** range of colours.

Premium

We have the ability to reproduce special **colours** and tactile effects to best match the creativity of designs.

On-demand

We are partners of companies in designing **ad hoc solutions** to meet a combination of aesthetic, architectural and engineering requirements of every project, offering a **precise**, **high-quality**, **tailor-made** service.



A-ANTIFINGER

A-Antifinger is the result of a production process involving application of special paints for stainless steel that give the material particular **antitouch** properties, together with **high scratch** and **wear resistance**.

The anti-fingerprint finish achieved through the application of nanotechnology, makes this product highly resistant to wear, scratching, thermal shock, saline mist, and chemical substances.

Thanks to these characteristics **A-Antifinger** is widely used in **interior design**, for decorative features, and in electrical appliances (refrigerators, extraction hoods, kitchens).







Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm

TREATMENT
washing cycles with
demineralised water

TOP SURFACETOP TRANSPARENT:
4 - 6 microns

BACK SURFACE BACK COAT: 5 - 7 microns

Coating used: compliant with RoHS Directive

VALUE	REFERENCE STANDARD
5 μm ± 1	EN 13523-1 (ECCA T1)
> 80	EN 13523-2 (ECCA T2)
F minimum	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
0T - 1T*	EN 13523-7 (ECCA T7)
0T - 2T*	EN 13523-7 (ECCA T7)
> 100	EN 13523-11 (ECCA T11)
	5 μm ± 1 > 80 F minimum 100% 100% 0T - 1T* 0T - 2T*

^{*} according to the characteristics of the support



A-ANTIGRAFFITI

A-Antigraffiti is born out of an **innovative technology** developed by our R&D for coil-coating, with the aim of **protecting** and **preserving durability** and **beauty**, while maintaining the gloss and luminosity of surfaces (like facades) **unchanged** over time.

A-Antigraffiti provides a virtuous combination of **PVDF polyvinyl fluoride resins** and **additives** capable of forming a smooth paint surface on the underlying metal, thus preventing adhesion of materials like spray paint and indelible markers.

Based on **PVDF** paint technologies, we are able to supply our customers with a vast range of colours, including **metallic** and **pearled effects**

Cleaning Instructions

Graffiti applied on a painted surface using spray paint or indelible pens can easily be removed with cold water and a non-abrasive cloth or sponge*. The cleaning process can be further improved using water cleaning machines. For small damaged areas, rubbing with alcohol is also recommended. The use of chemical detergents is not required or recommended: **A-Antigraffitt**i was designed to avoid the use of such products.

Advantages

- Excellent **external seal**: in excess of RUV4 pursuant to EN 10162-2
- Optimum **flexibility**
- Optimum chemical **resistance** and easy **cleaning**
- Recommended in particular for protecting architectural facades
- Suitable for **industrial** contexts and exposure to **strong solar** radiation
- Enables easy removal of inexpensive spray paint, adhesive labels, and indelible markers (without requiring special products)
- **No permanent** damage to the appearance and performance of the painted surface

Feasibility

Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm

^{*}The graffiti must be removed within 72 hours of application. Exposure to UV radiation increases adhesion to the painted surface





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER PVDF: 9 - 11 microns BASE PVDF: 14 - 16 microns TRANSPARENT PDVF ANTI GRAFFITI: 14 - 16 microns

BACK SURFACE

BACK COAT: 4 - 6 microns or MONOCOUCHE 14 - 16 microns

recilifical reactars		
TEST	VALUE	REFERENCE STANDARD
Thickness	34 - 40 μm	EN 13523-1 (ECCA T1)
Gloss	*	EN 13523-2 (ECCA T2)
Pencil hardness	HB - F	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T**	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T**	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)
Acetic acid salt spray	1500 H	EN 13523-8
		·
GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (semi-gloss)	30 / 50	+/- 7 units
2 (gloss)	51 / 79	+/- 8 units
3 (full gloss)	>/= 80	Minimum 80

^{*} acceptability requirements

^{**}dependent on the characteristics of the support material

A-BASALT

A-Basalt is the result of a pre-painting production process involving the application of polyester paints on aluminium support materials to achieve a finished appearance similar to **stone**.

This finish is applicable to the most varied uses, both **outdoors**, and for **interior** settings.

A-Basalt is suitable for **covers** and **roofing**, when protection is required from outdoor agents (sun, rain, dust, etc.) and when you want to bring extra aesthetic impact to an entire building.

"False stone" is one of the most recent trends in interior design because it gives settings a touch of rustic and natural charm, while also fitting perfectly into the most modern interiors where it provides striking elements of contrast.





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: 14 - 16 microns INK: 1 - 2 microns TOP TRASPARENT: 14 - 16 microns

BACK SURFACE BACK COAT: 5 - 7 microns

UV Radiation Resistance Category: RUV3 Coating used: compliant with **RoHS** Directive

TEST	VALUE	REFERENCE STANDARD
Thickness	50 ± 10 μm**	EN 13523-1 (ECCA T1)
Gloss	5 ± 3	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support







^{**} the measured thickness (DFT) is apparent

A-BLACK

A-Black is a product in constant development and evolution, the out come of a long process of **research** and **development**, that has resulted in the realization of products of outstanding **aesthetic** effect, using **HD polyester resin** based paints.

A-Black with its "creased, wrinkled" surface morphology stands out for its "fake tile" appearance. It is a vibrational surface that can have different, controllable **frequencies** and **depths**.

This product is mainly characterized by a **gloss** level lower than 5.





TREATMENT

2 degreasings + chrome-free passivation

PAINTING SPECIFICATIONS COLOUR TOP: Anthracite grey PE-HD WRINKLED COLOUR BACK: Anthracite grey PE (10 ± 2 microns)

UV Radiation Resistance Category: RUV3 Coating used: compliant with RoHS Directive

VALUE	REFERENCE STANDARD
50 ± 10 μm*	EN 13523-1 (ECCA T1)
2 ± 1	EN 13523-2 (ECCA T2)
F-H	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
OT - 1T**	EN 13523-7 (ECCA T7)
0T - 2,5T**	EN 13523-7 (ECCA T7)
> 100	EN 13523-11 (ECCA T11)
	50 ± 10 μm* 2 ± 1 F - H 100% 100% 0T - 1T** 0T - 2,5T**

^{*} according to the characteristics of the support



Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm

^{**}the measured thickness (DFT) is apparent

A-BLACKTITANIUM

Feasibility

Coil width

Coil thickness

External coil diameter

Internal coil diameter

A-Blacktitanium is the result of a production process involving application of paint on aluminium to create a finish resembling **black based titanium zinc**.

The product is recommended for **outdoor** use **(tinsmithing, cladding, etc.)**. Since the pattern includes multiple colours, it is not possible to give a Delta E value, although different runs can certainly be used together.

A more rugged appearance can be achieved by applying a transparent **wrinkled** finish.

min. 700 mm · max. 1.520 mm

max 1.750 mm IN - max. 10 ton OUT

min. 0,3 mm · max. 1,8 mm

508 mm; 610 mm





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: PE 9 - 11 microns INK: 1 - 2 microns TOP TRANSPARENT: PE 14 - 16 microns

BACK SURFACE

BACK COAT: 6 ± 1 microns or MONOCOUCHE 14 - 16 microns

UV Radiation Resistance Category: RUV3 Coating used: compliant with RoHS Directive

Technical Features (refer to the smooth top)

(refer to the smooth top)		
TEST	VALUE	REFERENCE STANDARD
Thickness	24 - 29 μm	EN 13523-1 (ECCA T1)
Gloss	10 ± 5	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
Γ.B. Adherence at 25° C	OT - 1T*	EN 13523-7 (ECCA T7)
Γ.B. Cracking at 25° C	0T - 2,5T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support



ecording to the characteristics of the supp

A-COPPER

This treatment cycle involves application of **polyurethane paints** together with a **transparent super PE coating** on an aluminium or steel base (ZINCOPPER), to achieve a finished appearance similar to **antique copper**.

The product is recommended for all **outdoor** uses **(tinsmithing, cladding)**. Since the pattern is created using multiple colours, it is not possible to guarantee any Delta E value, although different runs can certainly be used together.





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: PUR copper 14 - 16 microns INK: 1 - 2 microns TOP TRASPARENT: super-PE 9 - 11 microns

BACK SURFACE

BACK COAT: 6 ± 1 microns or MONOCOUCHE 14 - 16 microns

UV Radiation Resistance Category: RUV3 Coating used: compliant with RoHS Directive

Technical Features product with transparent super PE

TEST	VALUE	REFERENCE STANDARD
Thickness	24 - 29 μm	EN 13523-1 (ECCA T1)
Gloss	20 ± 10	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support



Coil thickness min. 0,3 mm · max. 1,8 mm

External coil diameter max 1.750 mm IN - max. 10 ton OUT

Internal coil diameter 508 mm; 610 mm

min. 700 mm · max. 1.520 mm

Feasibility

Coil width

A-CORTEN

A-Corten emerges from a pre-painting production process using **polyester paints**, which achieve a convincing effect like that of **Corten steel**.

Its main characteristic is **excellent corrosion resistance** against atmospheric agents, because its natural oxidization process stops with time and without extending inside, forming an effective protective patina.

The material is highly prized in the **architectural** and **design worlds**, with its warm oxidized colour shades that develop on the surface. It is ideal for countless **indoor** and **outdoor** aesthetic compositions, thanks to an unusual "rusty elegance" that gives the impression of being "well-used" and marked with the signs of time.

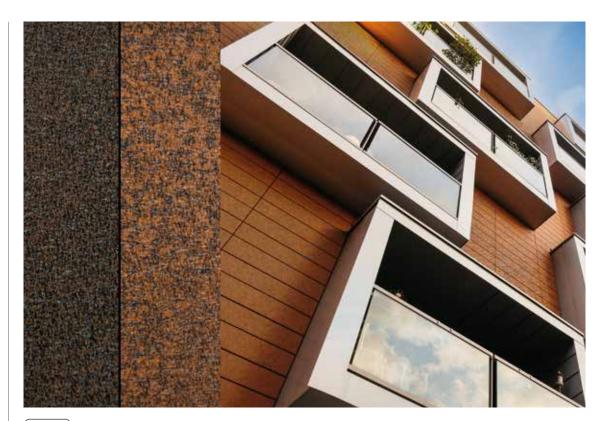
Given that **Corten** is very easily soiled and not very workable, our solution achieves an optimum balance between looks and functionality.

The support base can be **aluminium** or **steel** and the product is recommended for all uses both interior and exterior, with a **10 year corrosion guarantee**.

The production cycle is unable to guarantee any Delta E value, although different runs can certainly be used together.



Coil width	min. 700 mm · max. 1.520 mm	
Coil thickness	min. 0,3 mm · max. 1,8 mm	
External coil diameter	max 1.750 mm IN - max. 10 ton OUT	
Internal coil diameter	508 mm; 610 mm	





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: PUR brown 14 - 16 microns INK: 1 - 2 microns TOP TRANSPARENT: super-PE wrinckled 14 - 16 microns

BACK SURFACE BACK COAT: 6 ± 1 microns or MONOCOUCHE 14 -16 microns

UV Radiation Resistance Category: RUV3 Coating used: compliant with RoHS Directive

TEST	VALUE	REFERENCE STANDARD
Thickness	29 - 34 μm**	EN 13523-1 (ECCA T1)
Gloss	5 ± 3	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)
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^{*} according to the characteristics of the support



^{**} the measured thickness (DFT) is apparent

A-GLUING

A-Gluing is the result of a production process including application of a **polyurethane paint** that gives the metal **higher performance** than PVC, the most versatile and best known plastic material.

Thanks to this advantage, the product is widely used in the **automotive market**, in particular for the production of **internal and external components** (roof racks, dashboards, instrument dial frames, etc.).

The qualitative excellence of A-Gluing has allowed the product to be included in the **IMDS** (International Material Data System), the international system of data on materials of the automotive industry, a **global standard used by the main OEMs in the world** in order to satisfy the obligations imposed on car manufacturers, and therefore on their suppliers, by national and international rules, laws and regulations.







Feasibility

Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm

TREATMENT
2 degreasings + chrome-free passivation

TOP SURFACETOP: 5 - 7 microns

BACK SURFACE BACK COAT: 5 - 7 microns

Coating used: compliant with RoHS Directive

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TEST	VALUE	REFERENCE STANDARD
Thickness	6 + / - 1 μm	EN 13523-1 (ECCA T1)
Gloss	> 90	EN 13523-2 (ECCA T2)
Pencil hardness	N.A.	EN 13523-4 (ECCA T4)
Adhesion on impact	N.A.	EN 13523-5 (ECCA T5)
Adhesion on forming	N.A.	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	N.A.	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	N.A.	EN 13523-7 (ECCA T7)
MEK	N.A.	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support



A-IRIDIUM

A-Iridium is the result of a production process involving application of **PVDF** paints that give the material a surprising **iridescent** effect with **metallized** nuances.

The product is recommended for **indoor** and **outdoor** use.

Thanks to PVDF based painting technologies we are able to provide our customers with a vast range of colours, including **metallic** and pearled effects.





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER PVDF: 9 - 11 microns BASE GREY PVDF: 16 - 18 microns TOP TRANSPARENT PVDF MICACEO: 14 - 16 microns

BACK SURFACE BACK COAT: 5 - 7 microns

UV Radiation Resistance Category: Ruv4 Coating used: compliant with **RoHS Directive**

REFERENCE STANDARD EN 13523-1 (ECCA T1)
FN 13523-1 (ΕCCΔ T1)
1 LN 10320 1 (ECCA 11)
EN 13523-2 (ECCA T2)
EN 13523-4 (ECCA T4)
EN 13523-5 (ECCA T5)
EN 13523-6 (ECCA T6)
EN 13523-7 (ECCA T7)
EN 13523-7 (ECCA T7)
EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support







^{**} also available in gloss

A-MATCOPPER

A-MatCopper is the result of a pre-painting production process involving the application of **polyester paints** on aluminium support materials to achieve a finished appearance similar to copper.

The product is recommended for all outdoor uses (tinsmithing, cladding, etc.).





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: 5 - 6 microns TOP COPPER: 15 - 17 microns

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BACK COAT: 4 - 6 microns or MONOCOUCHE 14 - 16 microns

UV Radiation Resistance Category: Ruv2 Coating used: compliant with RoHS Directive

Technical Features

TEST	VALUE	REFERENCE STANDARD
Thickness	20 - 23 μm	EN 13523-1 (ECCA T1)
Gloss	> 80	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support



min. 700 mm · max. 1.520 mm

max 1.750 mm IN - max. 10 ton OUT

min. 0,3 mm · max. 1,8 mm

508 mm; 610 mm

Feasibility

Coil width

Coil thickness

External coil diameter

Internal coil diameter

according to the characteristics of the supp

A-PATINA GRAU

A-Patina Grau is the outcome of a special treatment involving two degreasing cycles as well as passivation (chrome free), and it is highly appreciated for its characteristic aesthetic finish.

The product is recommended for all **indoor** and **outdoor** use, in particular for prestige roofing.





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: 14 - 16 microns INK: 1 - 2 microns TOP TRASPARENT: 13 - 15 microns

BACK SURFACE BACK COAT: 5 - 7 microns

UV Radiation Resistance Category: Ruv2 Coating used: compliant with **RoHS** Directive

Technical Features

VALUE 45 ± 7 μm**	REFERENCE STANDARD
45 ± 7 ստ**	
	EN 13523-1 (ECCA T1)
2 - 7	EN 13523-2 (ECCA T2)
F-H	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
0T - 1T*	EN 13523-7 (ECCA T7)
0T - 2,5T*	EN 13523-7 (ECCA T7)
> 100	EN 13523-11 (ECCA T11)
	2 - 7 F - H 100% 100% OT - 1T* OT - 2,5T*

^{*} according to the characteristics of the support





Internal coil diameter

Coil thickness min. 0,3 mm · max. 1,8 mm max 1.750 mm IN - max. 10 ton OUT External coil diameter

min. 700 mm · max. 1.520 mm

508 mm; 610 mm



^{**} the measured thickness (DFT) is apparent

A-PRO-HYGIEN

A-Pro-Hygien is created in a production process involving application of **coatings** that give the material specific **antimicrobial properties**.

The paint components inhibit proliferation of colonies of the most common types of bacteria and contribute towards their elimination.

This makes the product suitable for **application on walls** and **ceilings in locations with a high density** of people, like for example kindergartens, schools, public offices, shopping centres, and recreational areas where specific **sanitation** treatments are not conducted frequently.

Tests pursuant to standard ISO 22196:2007, conducted at specialized laboratories, have demonstrated an **effective action over 24 hours**, reducing more than **99.99** % of the colonies of the bacteria Staphylococcus aureus, Escherichia coli 01257, Legionella pneumophila, Salmonella enterica, Pseudominas aeruginosa, Enterobacter aerogenes, and Enterococcus faecalis.

This product is available in two versions. white and transparent: the latter can be applied on any polyester base, providing antimicrobial properties for pre-painted materials of any colour.

The paint varieties are only suitable for use in **indoor** environments.



Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER: 5 - 7 microns

TOP WHITE PRO-HYGIEN:

15 - 20 microns

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PRIMER: 5 - 7 microns (only for steel)

BASE: PE 10-15 microns TOP TRASPARENT

PRO-HYGIEN: 12 microns

BACK SURFACE

BACK COAT: 4 - 6 microns

Coating used: compliant with RoHS Directive

VALUE	REFERENCE STANDARD	
20 - 27	EN 13523-1 (ECCA T1)	
white 23 ± 5 trasparent 30 ± 5	EN 13523-2 (ECCA T2)	
F-H	EN 13523-4 (ECCA T4)	
100%	EN 13523-5 (ECCA T5)	
100%	EN 13523-6 (ECCA T6)	
OT - 1T*	EN 13523-7 (ECCA T7)	
0T - 2T*	EN 13523-7 (ECCA T7)	
> 100	EN 13523-11 (ECCA T11)	
	20 - 27 white 23 ± 5 trasparent 30 ± 5 F - H 100% 100% OT - 1T* OT - 2T*	

^{*} according to the characteristics of the support



A-STONE

A-Stone derives from the application of polyurethane paints with a transparent wrinkled coating on aluminium base supports, to achieve a finished effect resembling natural stone.

The product is recommended for all **indoor** and **outdoor** uses, in particular for prestige roofing.





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: 11 - 13 microns INK: 1 - 2 microns TOP TRASPARENT: 17 - 19 microns

BACK SURFACE BACK COAT: 5 - 7 microns

UV Radiation Resistance Category: Ruv2 Coating used: compliant with RoHS Directive

TEST	VALUE	REFERENCE STANDARD
Thickness	50 ± μm**	EN 13523-1 (ECCA T1)
Gloss	3 - 7	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	OT - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)
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^{*} according to the characteristics of the support



Coil width	min. 700 mm · max. 1.520 mm		
Coil thickness	min. 0,3 mm · max. 1,8 mm		
External coil diameter	max 1.750 mm IN - max. 10 ton OUT		
Internal coil diameter	508 mm; 610 mm		



^{**} the measured thickness (DFT) is apparent

A-TEKU

A-Teku is the result of a special treatment using polyurethane paints specifically designed to make the coated materials look like antique copper.

The product is recommended for all **outdoor** uses (tinsmithing, cladding).

Since the pattern is created using multiple colours, it is not possible to guarantee any Delta E value, although different runs can certainly be used together.

It is made with **PVDF** and **guaranteed 20 years**.



Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: PUR green 9 - 11 microns INK: 1 - 2 microns TOP TRASPARENT: PU 9 - 11 microns

BACK SURFACE

BACK COAT: 4 - 6 microns or MONOCOUCHE

14 - 16 microns

UV Radiation Resistance Category: Ruv2 Coating used: compliant with RoHS Directive

TEST	VALUE	REFERENCE STANDARD
Thickness	19 - 24 μm	EN 13523-1 (ECCA T1)
Gloss	5 ± 3	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support



A-TEXTURE

Feasibility

Coil width

A-Texture uses a **destructured ink** to give the surface an **innovative** aesthetic finish, combining two structural elements in a single product.

Thanks to this finish, the aluminium retains excellent technical characteristics and acquires a distinctive final look, with a texture that alternates between **shiny**, **smooth surfaces** and **matt**, **3D** ones.

These characteristics allow it to be widely applied in **interior** and **exterior** design projects.

min. 700 mm · max. 1.520 mm





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER: PVV00280 5 microns **DESTRUCTURED INK**

RoHS Directive

TEST	VALUE	REFERENCE STANDARD
Thickness	N.A.*	EN 13523-1 (ECCA T1)
Gloss	N.A.*	EN 13523-2 (ECCA T2)
DE	N.A.*	EN 13523-3 (ECCA T3)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 1.5T	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} measured thickness (DFT) and gloss are apparent, a homogeneous measurement is not possible.



A-TITANIUM

A-Titanium is the result of a production process involving application of **paint** on aluminium to create a finish resembling **titanium** zinc.

The product is recommended for **outdoor** use **(tinsmithing, cladding, etc.)**. Since the pattern includes multiple colours, it is not possible to give a Delta E value, although different runs can certainly be used together.

A more rugged appearance can be achieved by applying a transparent **wrinkled** finish.



Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: PRIMER 5 - 7 microns INK: 1 - 2 microns TOP TRASPARENT: SUPER PE 16 - 18 microns

BACK SURFACE

BACK COAT: 4 - 6 microns or MONOCOUCHE 14 - 16 microns

UV Radiation Resistance Category: RUV3 Coating used: compliant with RoHS Directive

Technical Features Transparent Super

		•
TEST	VALUE	REFERENCE STANDARD
Thickness	22 - 27 μm	EN 13523-1 (ECCA T1)
Gloss	8 ± 4	EN 13523-2 (ECCA T2)
Pencil hardness	F-H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

^{*} according to the characteristics of the support



A-WOOD

A-Wood is the result of a production process that can reproduce the colourations and characteristic finish of wood varieties on aluminium

Applications include a **beige** base colour, a brown ink and a transparent coating, smooth or textured, on the top surface, and a foamable back coat with dry film.

We can reproduce **six** different wood varieties in **colour** and **grain**. Can also be produced in PVD on request.











BROWN OAK

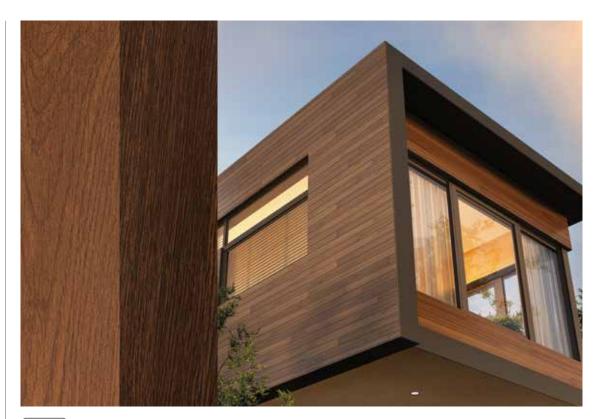
LIGHT

CLEAR OAK

Feasibility

WALNUT

Coil width	min. 700 mm · max. 1.520 mm
Coil thickness	min. 0,3 mm · max. 1,8 mm
External coil diameter	max 1.750 mm IN - max. 10 ton OUT
Internal coil diameter	508 mm; 610 mm





TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: 11 - 13 microns INK: 1 micron TOP TRASPARENT: 14 - 16 microns TOTAL THICKNESS: 28 - 36 microns

BACK SURFACE

BACK COAT: 4 - 6 microns foamable

Coating used: compliant with RoHS Directive

VALUE	REFERENCE STANDARD
28 - 36 μm**	EN 13523-1 (ECCA T1)
30 ± 10 gloss	EN 13523-2 (ECCA T2)
F-H	EN 13523-4 (ECCA T4)
100%	EN 13523-5 (ECCA T5)
100%	EN 13523-6 (ECCA T6)
OT - 1T*	EN 13523-7 (ECCA T7)
0T - 2,5T*	EN 13523-7 (ECCA T7)
>/= 100 d.c.	EN 13523-11 (ECCA T11)
	28 - 36 μm** 30 ± 10 gloss F - H 100% 100% 0T - 1T* 0T - 2,5T*

^{*} according to the characteristics of the support



^{**} the measured thickness (DFT) is apparent



We have always been committed to guaranteeing the **highest standards** to make our business model increasingly **sustainable**.

health environment

Consistently with our Worker Health and Safety and Environmental Protection Policy, we have implemented a Quality Management System in accordance with UNI EN ISO 9001:2015 and an Environmental Management System in accordance with UNI EN ISO 14001:2018, as well as an Occupational Health and Safety Management System in accordance with UNI ISO 45001:2018.



