



METALSCREEN®

*False ceilings and claddings
aluminium colors and finishes*



LIVE THE COLORS

glamour ceilings

www.metalscreen.it

Italian excellence for architectural solutions



WOOD LIKE wood effect



PRE PAINTED ALUMINIUM COIL COATING

Incombustible Euroclass A1
Washable
Lead-free chrome
Anti yellowing
100% humidity resistant
saltiness corrosion



NO sublimation
NO powder coatings
NO digital imprinting
NO pvc coating



The new trend in the architectural products world interior and exterior finishes to create a real wooden look glamour unique design possibilities and great challenges for incorporation in the building design.

Cost efficient wooden ceilings, walls, claddings and facades can now easily be made.

WOOD LIKE panels are standard available in many wood like finishes.

NO sublimation NO powder coatings NO digital imprinting NO pvc coating

Top properties of pre painted aluminium Coil Coated alloy 3105-3305-5005-5050 H46-48-18. Incombustible fire reaction Euroclass A1 washable anti-yellowing 100% humidity resistant saltiness corrosion-proof light weight unlead chrome free UV resistant 100% recyclable 85% recycled content.



WOOD LIKE wood effect

pre painted aluminium Coil Coating 100% recyclable incombustible Euroclass A1
for internal and external applications





OXIDAL anodized effect brushed surface



Kindly ask minimum required quantity before your quotation to your client. All colors and finishes depending on availability by model, type and thickness.

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OXIDAL combines an anodized finish with the advantages of Coil Coating: excellent formability and extraordinary reproducibility, it is designed for outdoor use and offers exceptional resistance to UV ray 100% humidity resistant corrosion proof saltiness.

OXIDAL lets the surface structure shine through and restores the natural look of the aluminum, application on a brushed surface results in a higher quality and more uniform finish.

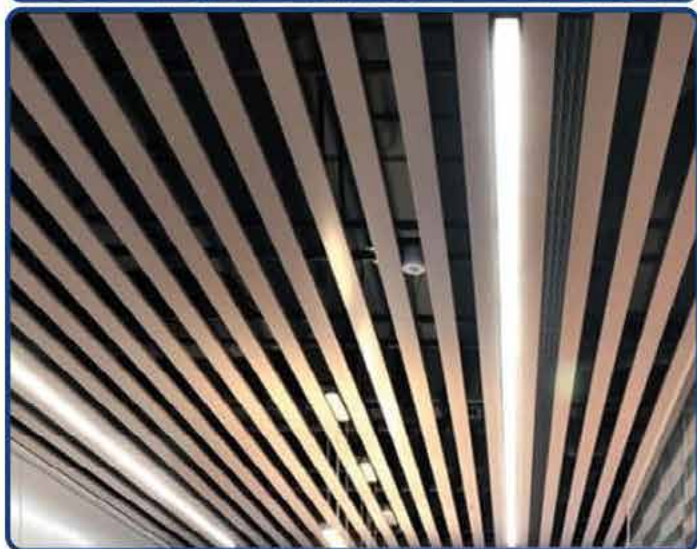
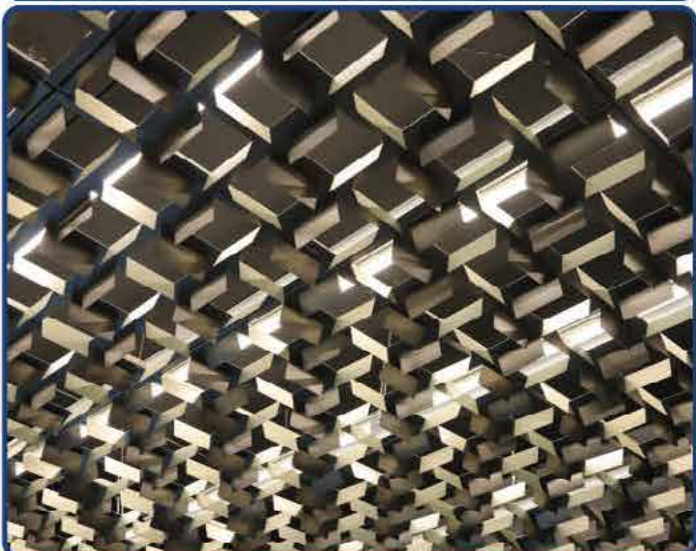
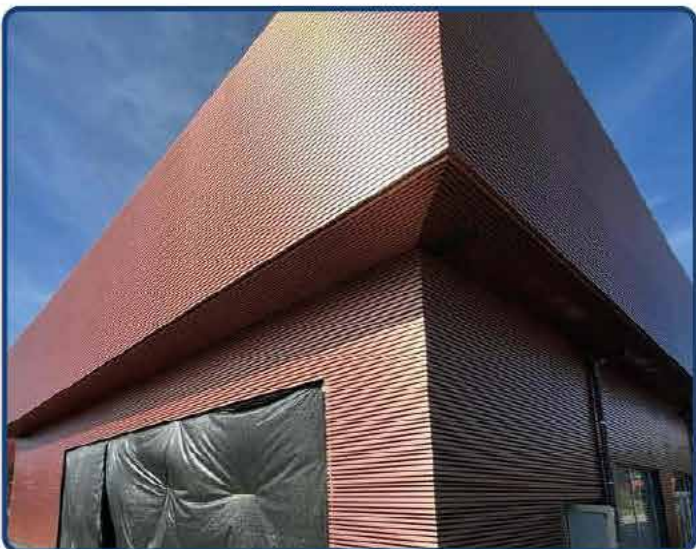
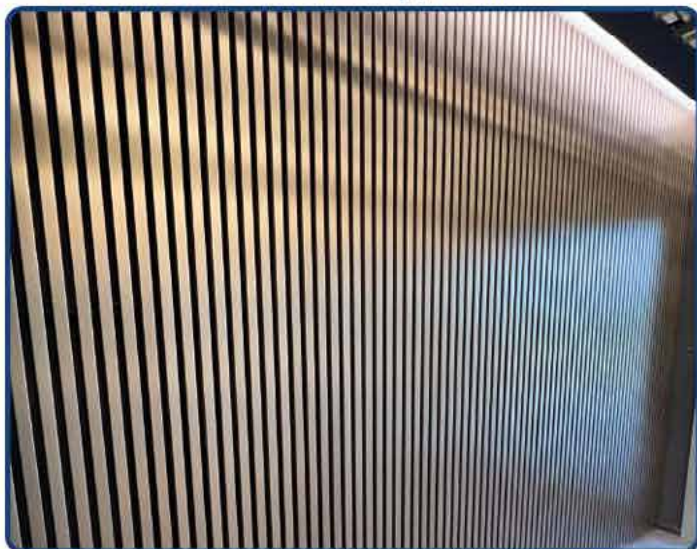
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OXIDAL anodized effect brushed surface

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RAL CHART multicolor false ceilings and claddings

Close cooperation with major coating suppliers has enabled us to produce from RAL chart all colors for our colored false ceilings systems. This was done to achieve higher flexibility, quicker delivery, minimize paint inventory and transfer know-how to increase the domestic added value. Dynamic quick service for paint availability unlimited choice of colors, flexibility, accuracy and repeatability of colors and wood like finishes, anodized brushed, ultra matt metallic no-glare soft touch coating.

PRE PAINTED ALUMINIUM COIL COATING

Incombustible Euroclass A1

Washable

Lead-free chrome

Anti yellowing

100% humidity resistant

saltiness corrosion



NO sublimation

NO powder coatings

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NO pvc coating



Only pre-painting aluminum false ceilings for high quality surface finish, uniform coating thickness, still life durability, high resistance to rust, 100% humidity resistant corrosion-proof for all RAL colors and finishes: Ultra Matt, Matt, Shiny, Ultra, Bright. It also minimizes waste and the consumption of chemicals, water, energy and paint. Innovations constantly increase performance of pre-painted aluminum suspended false ceilings and exterior claddings facades, solar screen sunbreak, sun louvres sun and allow tailoring its characteristics for very specific purpose and environments. False ceilings panels, wide panels, linear panels, the surfaces can be treated anti microbial active hygien biological for hospitals. Only Pre-painting aluminum coils allows for high quality surface finish, uniform coating thickness, high weather durability, high resistance to rust and a variety of colors and glosses. It also minimizes waste and the consumption of chemicals, water, energy and paint. Innovations constantly increase the performance of pre-painted aluminum and allow tailoring its characteristics for very specific purposes and environments.

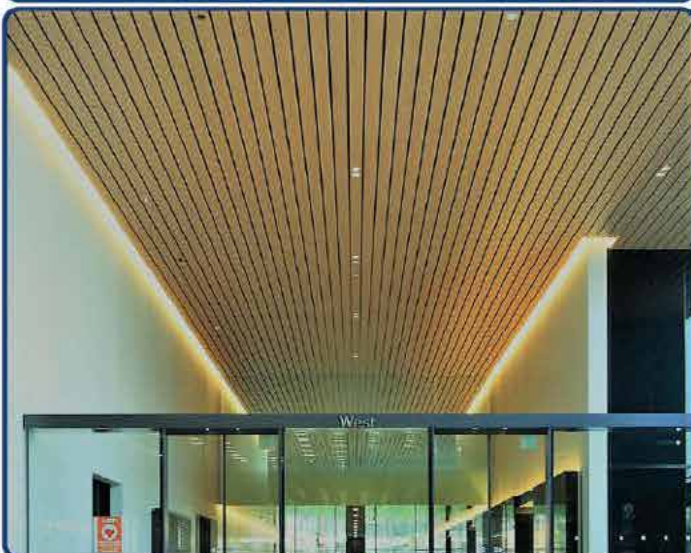
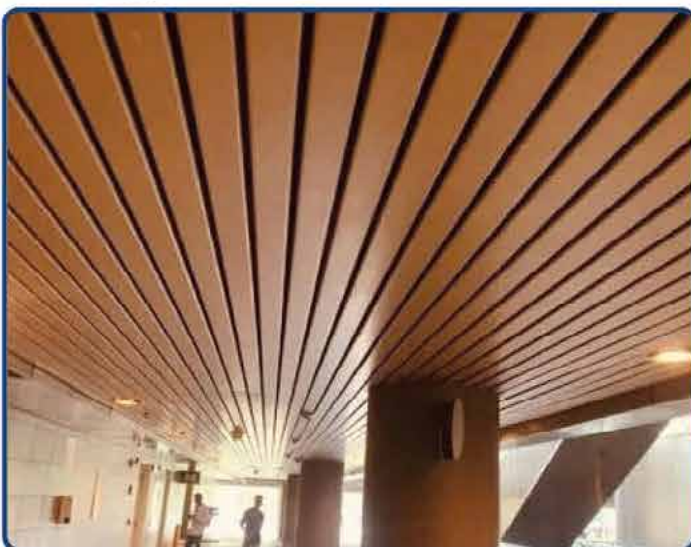
Ask us your color and/or finishes with quantities sqm of our ceilings for your project, to evaluate the minimum order quantity we can produce from your choice.





RAL CHART

pre painted aluminium Coil Coating 100% recyclable
incombustible Euroclass A1 for internal and external applications





ULTRA MATT high matt metallic surface



MATT METALLIC NO-GLARE SOFT TOUCH COATING

Our new deep matt high durable coatings offer functionality and outstanding look with the new glamour range of colors. The velvety matt metallic appearance lends ultra matt products perfectly to modern architectural trends. The top quality surfaces offer excellent highest UV resistance. Designed for internal and external applications, the sophisticated glamour ceilings and wall claddings appearance makes them the newest excellent architectural solution for false ceilings wall claddings façades and sun louvres screen projects world wide.



PRE PAINTED ALUMINIUM COIL COATING

Incombustible Euroclass A1
 Washable
 Lead-free chrome
 Anti yellowing
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 saltiness corrosion



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Kindly ask minimum required quantity before your quotation to your client.
 All colors and finishes depending on availability
 by model, type and thickness.



ULTRA MATT high matt metallic no-glare surface

pre painted aluminium Coil Coating 100% recyclable incombustible Euroclass A1
for internal and external applications





WOOD LIKE pre painted aluminium Coil Coating wood effect false ceilings and external claddings - sun louvres solar screen

SPECIFICATION		DESCRIPTION
Coating	FEVE (Fluoro, Ethylene e Vinyl Ether)	
Thickness	$\geq 12 \mu\text{m}$	According to EN 13523-1
Gloss	Low, high, semi gloss	According to EN 13523-2 20 - >90 gloss units
Gloss tollerance	$\pm 10 \text{ U}$, high gloss: >90	According to EN 13523-2
Color	High color reproducibility	Visual adjustment
Flexural properties	Excellent flexural properties	According to EN 13523-7 No cracking at T1.5 (Depending on alloy and thickness)
UV ray resistant	Extreme UV resistance 20 years warranty $\geq 50\%$ gloss Rural or urban light industrial (or light marine) ²	RUV4+ according to table C.3 2000h UVA: Close to 100% gloss retention 4000h UVA: Above to 80% gloss retention 2000h UVB: Above to 80% gloss retention
Corrosion resistant	High corrosion resistance 10 years warranty ¹ No peeling and no cracking, rural or urban light industrial (or light marine) ²	According to EN 1396, C.6.5 Acetic acid salt spray fog resistance, index 2 according to table C.5.
CHEMICAL RESISTANT		
Muriatic resistant	15 minutes exposure: no blistering or visual change	
Mortar resistant	24 hours exposure: no loss of film adhesion or visual change	
Nitric acid resistant	30 minutes exposure: 5 delta E (CieLab) maximum color change.	
Detergent resistant	72 hours exposure: no loss of adhesion, no blistering, no significant visual change	
Window cleaner resistant	24 hours exposure: no blistering or visual change	

GENERAL GUIDELINES

- Bare material may vary slightly in color or have small irregularities, which may remain visible on the coated surface
- The final coated product may vary slightly from the sample
- Order projects in one batch in order to minimize color differences

¹ The film integrity excludes damaged surfaces which may result from incorrect cutting, stamping, forming, joining, storage, assembly, cleaning, etc., according to EN 1396 . Annex D ² End user environment





OXIDAL pre painted Coil Coating anodized effect

false ceilings and external claddings - sun louvres solar screen

SPECIFICATION		DESCRIPTION
Coating	FEVE (Fluoro, Ethylene e Vinyl Ether)	
Thickness	14 ± 2 µm	According to EN 13523-1
Shining	Low, high, semi gloss	According to EN 13523-2 20 - >90 gloss units
Shining tollerance	± 5 U, high gloss: >90	According to EN 13523-2
Color	High color reproducibility	Visual adjustment
Flexural properties	Excellent flexural properties	According to EN 13523-7 no cracking at T1.5
UV ray resistant	20 years warranty	RUV4 according to table C.3 2000h UVA: Close to 100% gloss retention
Corrosion resistant	High corrosion resistant	According to EN 1396, C.6.5 Acetic acid salt spray fog resistant, index 2 according to table C.
CHEMICAL RESISTANT		
Muriatic resistant	15 minutes exposure: no blistering or visual change	
Mortar resistant	24 hours exposure: no loss film adhesion or visual change	
Nitric acid resistant	30 minutes exposure: 5 delta E (CieLab) maximum color change.	
Detergent resistant	72 hours exposure: no loss of adhesion, no blistering, no significant visual change	
Window cleaner resistant	24 hours exposure: no blistering or visual change	

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RAL CHART

SPECIFICATION		DESCRIPTION
Coating	PE (Polyester)	
Thickness	≥ 16 µm	According to EN 13523-1
Shining	Basso, alto, semi lucido	According to EN 13523-2 30 - >80 gloss units (U)
Shining tolerance	± 5 U, alto lucido: ≥ 80	According to EN 13523-2
Color	Excellent color reproducibility	Max deviation: White and pastel colors : DE* : max 1.0 Red, blue, green, yellow: DE* : max 2.0 Metallic colors : DE* : max 2.0
Flexural properties	Excellent flexural properties	According to EN 13523-7 No cracking at 1.5 T (depending on alloy and thickness)
UV ray resistant	High UV resistance 5 years warranty ¹ - ≥ 50% gloss / DE* : max 5.0, Rural or urban light industrial (light marine) ³	According to EN 1396 : RUV3 according to table C.3 2000h UVA : 60% gloss retention
Corrosion resistant	High corrosion resistance 5 years warranty ² - No peeling and No cracking, Rural or urban light industrial (light marine) ³	According to EN 1396 : C.6.5 Acetic acid salt spray fog resistance, index 2 according to table C.5
Coating	PU/PA (Polyurethane Polyamide)	
Thickness	≥ 18 µm	According to EN 13523-1
Shining	± 30 U	According to EN 13523-2
Shining tolerance	± 5 U	According to EN 13523-2
Color	Excellent color reproducibility	Max deviation: White and pastel colors : DE* : max 1.0 Red, blue, green, yellow: DE* : max 2.0 Metallic colors : DE* : max 2.0
Flexural properties	Excellent flexural properties	According to EN 13523-7 No cracking at 1.5 T (depending on alloy and thickness)
UV ray resistant	Highest UV resistance 5 years warranty ¹ - ≥ 50% gloss / DE* : max 5.0, Rural or urban light industrial (light marine) ³	RUV4 according to table C.3 2000h UVA: Close to 100% gloss retention
Corrosion resistant	Highest corrosion resistance 5 years warranty ² - No peeling and No cracking, Rural or urban light industrial (light marine) ³	According to EN 1396 : C.6.5 Acetic acid salt spray fog resistance, index 2 according to table C.5

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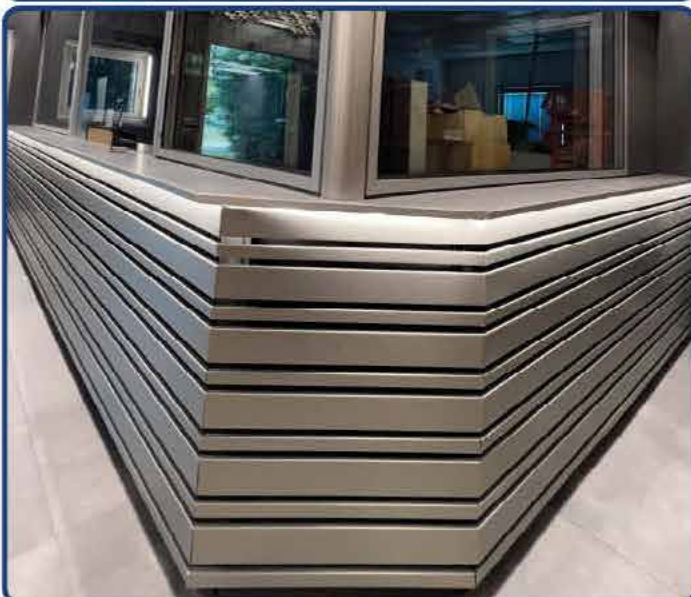
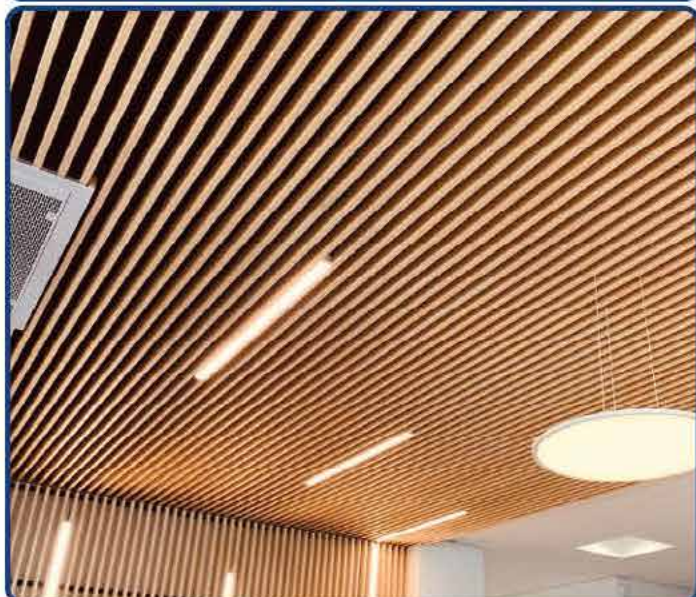
ULTRA MATT

high matt metallic no-glare soft touch coating

SPECIFICATION		DESCRIPTION
Coating	PE (Polyester)	
Thickness	$\geq 36 \mu\text{m}$	According to EN 13523-1
Shining	Ultra Matt 4 U	According to EN 13523-2
Shining tolerance	$\pm 3 U$	According to EN 13523-2
Color	Excellent color reproducibility	Max deviation: White and pastel colors : DE^* : max 1.0 Red, blue, green, yellow : DE^* : max 2.0 Metallic colors : DE^* : max 2.0
Flexural properties	Excellent flexural properties	According to EN 13523-7 No cracking at 1.5 T (depending on alloy and thickness)
UV ray resistant	High UV resistance 10 years warranty ¹ - $\geq 50\%$ gloss / DE^* : max 5.0, Rural or urban light industrial (light marine) ³	According to EN 1396 : RUV3 according to table C.3 2000h UVA : 80% gloss retention
Corrosion resistant	Highest corrosion resistance 10 years warranty ² - No peeling and No cracking, Rural or urban light industrial (light marine) ³	According to EN 1396 : C.6.5 Acetic acid salt spray fog resistance, index 2 according to table C.5
Coating	Basecoat PE (Polyester) + Clearcoat PU/PA (Polyurethane Polyamide)	
Thickness	$\geq 28 \mu\text{m}$	According to EN 13523-1
Shining	$\pm 10 U$	According to EN 13523-2
Shining tolerance	$\pm 5 U$	According to EN 13523-2
Color	Excellent color reproducibility	Max deviation: White and pastel colors : DE^* : max 1.0 Red, blue, green, yellow : DE^* : max 2.0 Metallic colors : DE^* : max 2.0
Flexural properties	Excellent flexural properties	According to EN 13523-7 No cracking at 1.5 T (depending on alloy and thickness)
UV ray resistant	High UV resistance 10 years warranty ¹ - $\geq 50\%$ gloss / DE^* : max 5.0, Rural or urban light industrial (light marine) ³	RUV4 according to table C.3 2000h UVA: Close to 100% gloss retention
Corrosion resistant	Highest corrosion resistance 10 years warranty ² - No peeling and No cracking, Rural or urban light industrial (light marine) ³	According to EN 1396 : C.6.5 Acetic acid salt spray fog resistance, index 2 according to table C.5

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METALSCREEN RANGE OF PRODUCTS

for internal and external applications - aluminium and pre-painted steel
incombustible Euroclass A1



LINEAR STRIPES AND PANELS FOR CEILINGS WALL CLADDINGS INSIDE AND OUTSIDE APPLICATIONS

Rounded and shaped edges, open gap closed joint, windproof without joint. False ceiling panels mm.600x600 concealed systems CLIP-IN and LAY-IN LAY-ON T 24-15 exposed suspension grid system



OPEN CELL CEILING GRID SYSTEMS CARABOTTINO

Open screen grid ceilings squared and rectangular cells, fully movable panels integrated concealed system and LAY-IN LAY-ON T 24-15 exposed suspension grid system. Pre painted aluminium Incombustible Euroclass A1



SUN LOUVRES SOLAR SCREEN LINEAR PANELS 84R

Linear stripes 84R windproof width mm.84 rounded edges clip-on main supporting stringers inclination 30°- 45°- 65°-22°. Pre painted aluminium for external use 100% humidity resistant corrosion proof saltiness Incombustible Euroclass A1



EXPOSED T SUSPENSION GRID FOR LAY-IN CEILINGS

TWIN LOCK reticular grid T section mm.24 height mm.38 main runner and cross tees mm.600-1200 made of hot dipped galvanized steel with exposed pre painted aluminium capping washable 100% humidity resistant corrosion proof saltiness Incombustible Euroclass A1



CANOPY EXTERNAL CEILINGS FUEL PETROL STATIONS

Linear modular panels with rounded and shaped edges, open gap closed joint, windproof without joint. Pre painted aluminium and steel for external use 100% humidity resistant corrosion proof saltiness Incombustible Euroclass A1



DRYWALL METAL SECTIONS FOR GYPSUM BOARD

Roll-formed hot dipped galvanized steel large range of construction profiles C stud, U tracks and channels for all plasterboard drywall lining ceilings & partition wall systems. 100% humidity resistant corrosion proof saltiness Incombustible Euroclass A1

ENVIRONMENTAL COMMITMENT

Linear stripes for ceilings and wall claddings façades. Open cell ceilings grid systems. Sun louvres solar screen linear panels 84R. Exposed T suspension grid for ceilings.

METALSCREEN with LCA Life Cycle Assessment

analysed the entire life cycle of the product, from the arrival of the goods at the factory, production, loading and shipping in Italy and worldwide.



THE INTERNATIONAL EPD® SYSTEM



METALSCREEN has certified with **EPD**:

Environmental Product Declaration, 3 types of systems:

- Aluminium system products
- Aluminium and Steel System products
- Steel System products

LEED CERTIFICATE

LEED Projects Certification Score Acquisition

Prepainted aluminium and steel ceilings

Aluminium sunshades and external cladding



ISO 9001:2015

SISTEMA DI GESTIONE QUALITÀ

ISO 14001:2015

SISTEMA DI GESTIONE AMBIENTALE

ISO 45001:2023

SISTEMA DI GESTIONE SICUREZZA



**FOR A SUSTAINABLE GROWTH,
RESPECT THE ENVIRONMENT
AND HUMAN HEALTH: A CONSTANT
COMMITMENT FOR EVERYONE'S FUTURE**

METALSCREEN has been committed for years to minimizing the environmental impact of its production processes. We dedicate every effort to a rational use of raw materials and energy; in particular, we are involved in the development of new products and services that contribute to a cleaner and safer world. For some time we have been promoting the development and sale of aluminum false ceilings made with new technologies, respectful of the environment and 100% recyclable, dissuading the market from the use of fibrous and chalky false ceilings. Our production process has eliminated any use of harmful raw materials and reduced energy consumption. These milestones are integral elements of our effort not only to protect the environment but also to achieve operational excellence.

