



ANNIVERSARY
35
1987 - 2022

FALSE CEILINGS OPEN CELLS

OPEN CELL GRID SCREEN CARABOTTINO
PRE PAINTED ALUMINIUM
INCOMBUSTIBLE EUROCLASS A1

Italian excellence for architectural solutions



ISO 9001:2015	SISTEMA DI GESTIONE QUALITÀ
ISO 14001:2015	SISTEMA DI GESTIONE AMBIENTALE
ISO 45001:2023	SISTEMA DI GESTIONE SICUREZZA



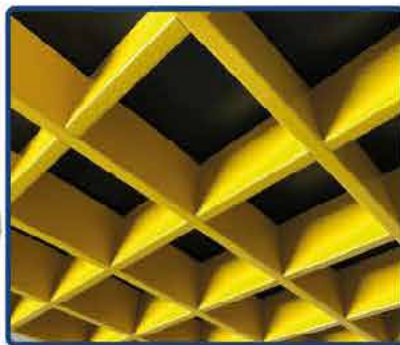
Prodotti con Normativa
Europea Certificata
EN 13964:2014 - EN 14195:2005

BOMPORTO MODENA ITALY-EU Via A. Moro 38 Ph. +39 059.8170611
www.metalscreen.it metalscreen@metalscreen.it

100% MADE IN ITALY

S.245 (1/16)

RAL Chart



PRE PAINTED ALUMINIUM COIL COATING

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



NO powder coatings



WOOD LIKE wood effect



PRE PAINTED ALUMINIUM COIL COATING

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



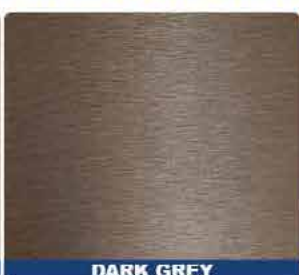
NO sublimation
 NO powder coatings
 NO photo imprinting
 NO pvc coating

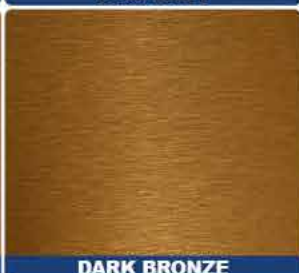


Kindly ask minimum required quantity before your quotation to your client. All colors and finishes depending on availability by model, type and thickness.

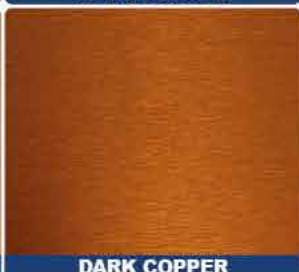
OXIDAL anodized effect brushed surface


NATURAL

INOX GREY

DARK GREY

BRONZE

DARK BRONZE

GOLD

COPPER

DARK COPPER


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 photo imprinting
 NO pvc coating



ULTRA MATT high matt metallic surface


SAND DESERT

MINK ROYALE

GRAPHITE DIAMOND

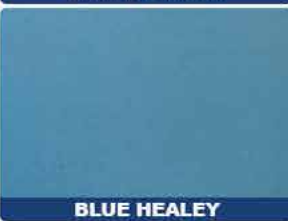
BLACK DREAM

GREEN RACING

COCOA UNIQUE

RED BURGUNDY

RED VELVET

BLUE ULTRAMARINE

BLUE HEALEY


ULTRA MATT METALLIC NO-GLARE WITH 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.

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

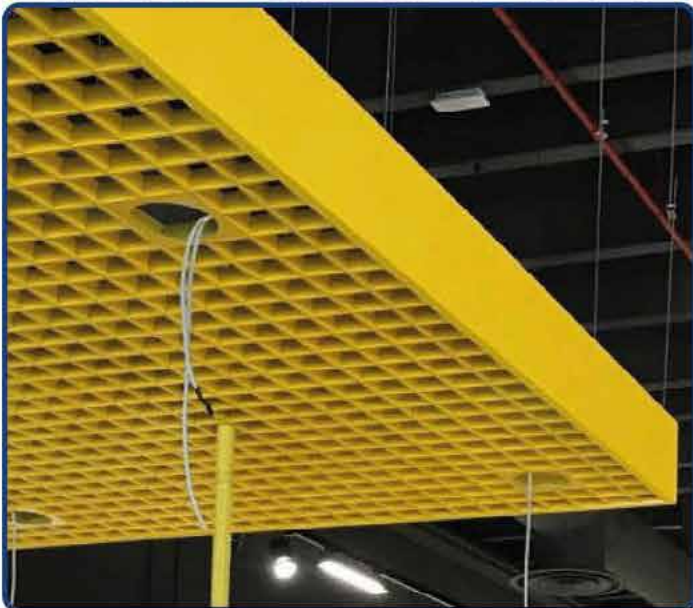
PRE PAINTED ALUMINIUM COIL COATING

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



NO sublimation
 NO powder coatings
 NO photo imprinting
 NO pvc coating



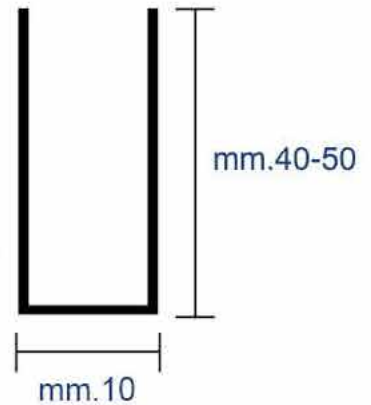


Type COKI-U TRADIZIONALE

Technical specification

False suspended open cell integrated ceiling **TYPE METALSCREEN COKI U TRADIZIONALE** realized with fully removable panels mm.600x600 concealed system U section width mm.10 heights mm.40-50 square or rectangular cells dimensions, made of pre painted aluminium Incombustible Euroclass A1 Coil Coating alloy 3105-h44-48 thickness mm.0,4, color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (mesh dimensions, color and finishes follow the choice of the Consultant) NOT allowed sublimation process, pvc adhesive covers, powder coated paints, digital photo-imprinting.

The assembled panels are supported from reticular integrated concealed system composed from R1800 main runner mm.1800-R1200-R600 cross tees lengths mm.1200-600 U section mm.10 heights mm.40-50. Follow instruction from consultant lateral end finiture are realized with gypsum board frames with T bar profile mm.24xh38 with pre painted aluminium capping color White to keep maintain the same module mm.600x600 of the panels and to avoid cut manually the panels.



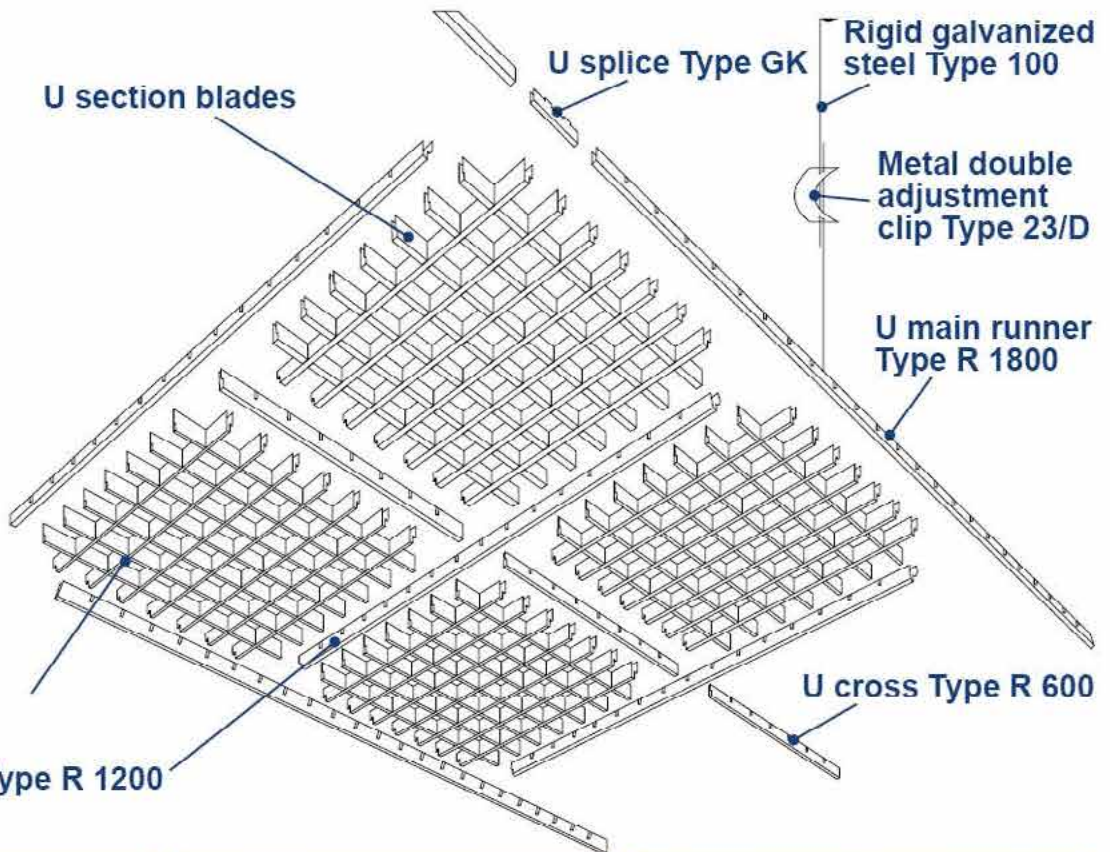
Mesh dimensions squared and rectangular	
mm.50x50	mm.50x100
mm.60x60	mm.50x150
mm.75x75	mm.50x200
mm.86x86	mm.75x150
mm.100x100	mm.75x200
mm.120x120	mm.100x200
mm.150x150	
mm.200x200	

Mesh dimension cells
mm.50x50 - mm.60x60
U cross Type R1200
is not required

Panels dimension
mm.600 x mm.1200
available upon request

Panel mm.600x600

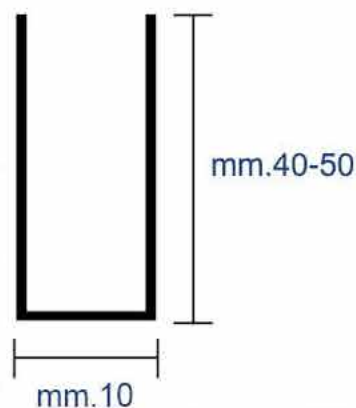
U cross Type R 1200



Type COKI-U APPOGGIO

Technical specification

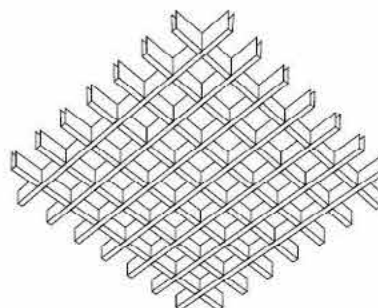
False suspended open cell ceiling **TYPE METALSCREEN COKI U APPOGGIO LAY-ON** realized with fully removable panels mm.600x600 U section width mm.10 heights mm.40-50 square or rectangular cells dimensions, made of pre painted aluminium Incombustible Euroclass A1 Coil Coating alloy 3105-h44-48 thickness mm.0,4, color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (mesh dimensions, color and finishes follow the choice of the Consultant) NOT allowed sublimation process, pvc adhesive covers, powder coated paints, digital photo-imprinting. The assembled panels lay-on reticular exposed suspension system **TYPE METALSCREEN TWIN LOCK** T grid section main runner and cross tees mm.600-1200 dimension mm.24 height mm.38 made of hot dipped galvanized steel with exposed pre painted steel capping washable 100% humidity resistant corrosion proof saltiness same color of the panels. Follow instruction from consultant lateral end finiture are realized with gypsum board frames with T bar profile mm.24xh38 with pre painted aluminium capping color White to keep maintain the same module mm.600x600 of the panels and to avoid cut manually the panels.



Mesh dimensions squared and rectangular

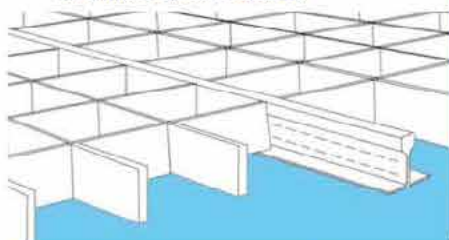
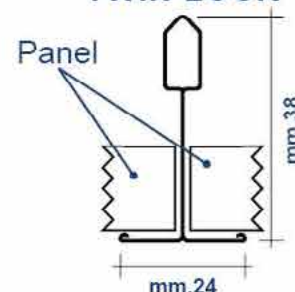
mm.50x50	mm.50x100
mm.60x60	mm.50x150
mm.75x75	mm.50x200
mm.86x86	mm.75x150
mm.100x100	mm.75x200
mm.120x120	mm.100x200
mm.150x150	
mm.200x200	

Panels dimension
mm.600 x mm.1200
available upon request



Panel with assembled blades

TWIN LOCK

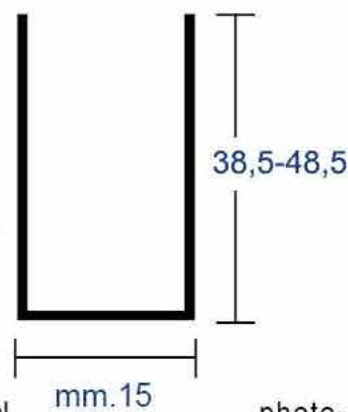


Type COKI-B15

Technical specification

False suspended open cell ceiling **TYPE METALSCREEN COKI B15 LAY-ON** realized with fully removable panels mm.600x600 square or rectangular cells U section width mm.15 heights mm.40-50 framed with aluminium cover frames to obtain continuous view without visual break. Made of pre painted aluminium Incombustible Euroclass A1 Coil Coating alloy 3105-h44-48 thickness mm.0,4, color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (mesh dimensions, color and finishes follow the choice of the Consultant) NOT allowed sublimation process, pvc adhesive covers, powder coated paints, digital imprinting. The assembled panels lay-on reticular exposed suspension system **TYPE METALSCREEN TWIN LOCK T** grid section main runner and cross tees mm.600-1200-dimension mm.15 height mm.38 made of hot dipped galvanized steel with exposed pre painted steel capping washable 100% humidity resistant corrosion proof saltiness same color of the panels.

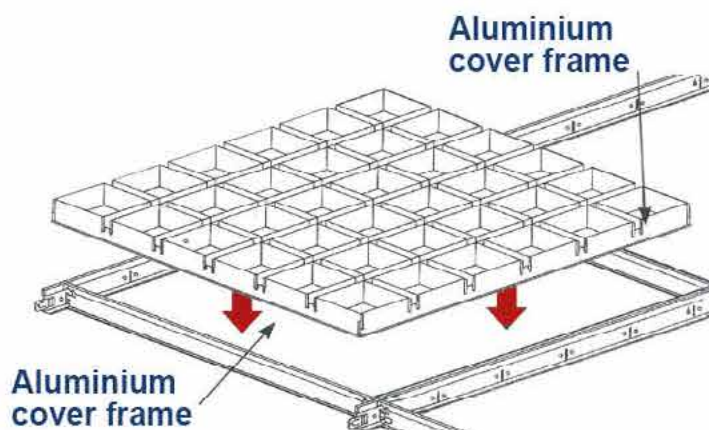
Follow instruction from consultant lateral end finiture are realized with gypsum board frames with T bar profile mm.24xh38 with pre painted aluminium capping color White to keep maintain the same module mm.600x600 of the panels and to avoid cut manually the panels.



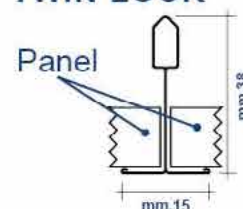
Mesh dimensions squared and rectangular

mm.50x50	mm.50x100
mm.60x60	mm.50x150
mm.75x75	mm.50x200
mm.86x86	mm.75x150
mm.100x100	mm.75x200
mm.120x120	mm.100x200
mm.150x150	
mm.200x200	

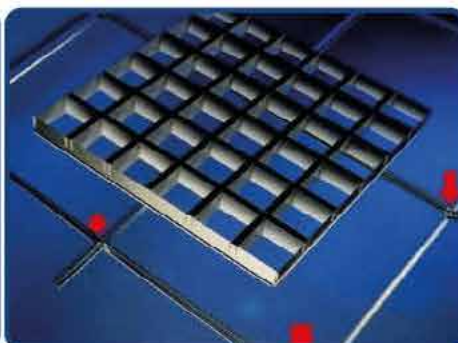
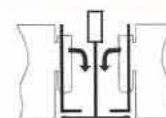
Panels dimension
mm.600 x mm.1200
available upon request



TWIN LOCK



Aluminium cover frame



OPEN CELL GRID WITH RECTANGULAR CELLS

Technical specification

False suspended open cell realized with fully removable panels mm.600x600 with rectangular cells

TYPE METALSCREEN COKI U TRADIZIONALE integrated concealed system, **TYPE METALSCREEN COKI U APPOGGIO LAY-ON** U section width mm.10 heights mm.40-50, **TYPE METALSCREEN COKI B15 LAY-ON** width mm.15 heights mm.40-50, made of pre painted aluminium Incombustible Euroclass A1 Coil Coating alloy 3105-h44-48 thickness mm.0,4, color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (mesh dimensions, color and finishes follow the choice of the Consultant) NOT allowed sublimation process, pvc adhesive covers, powder coated paints, digital photo-imprinting.

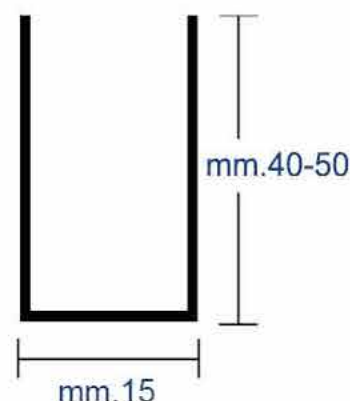
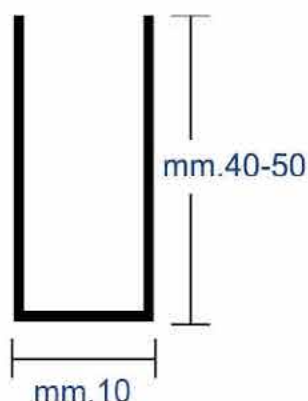
Follow instruction from consultant lateral end finiture are realized with gypsum board frames with T bar profile mm.24xh38 with pre painted aluminium capping color White to keep maintain the same module mm.600x600 of the panels and to avoid cut manually the panels.

Mesh dimensions rectangular

mm.75x150 mm.50x100
 mm.75x200 mm.50x150
 mm.100x200 mm.50x200

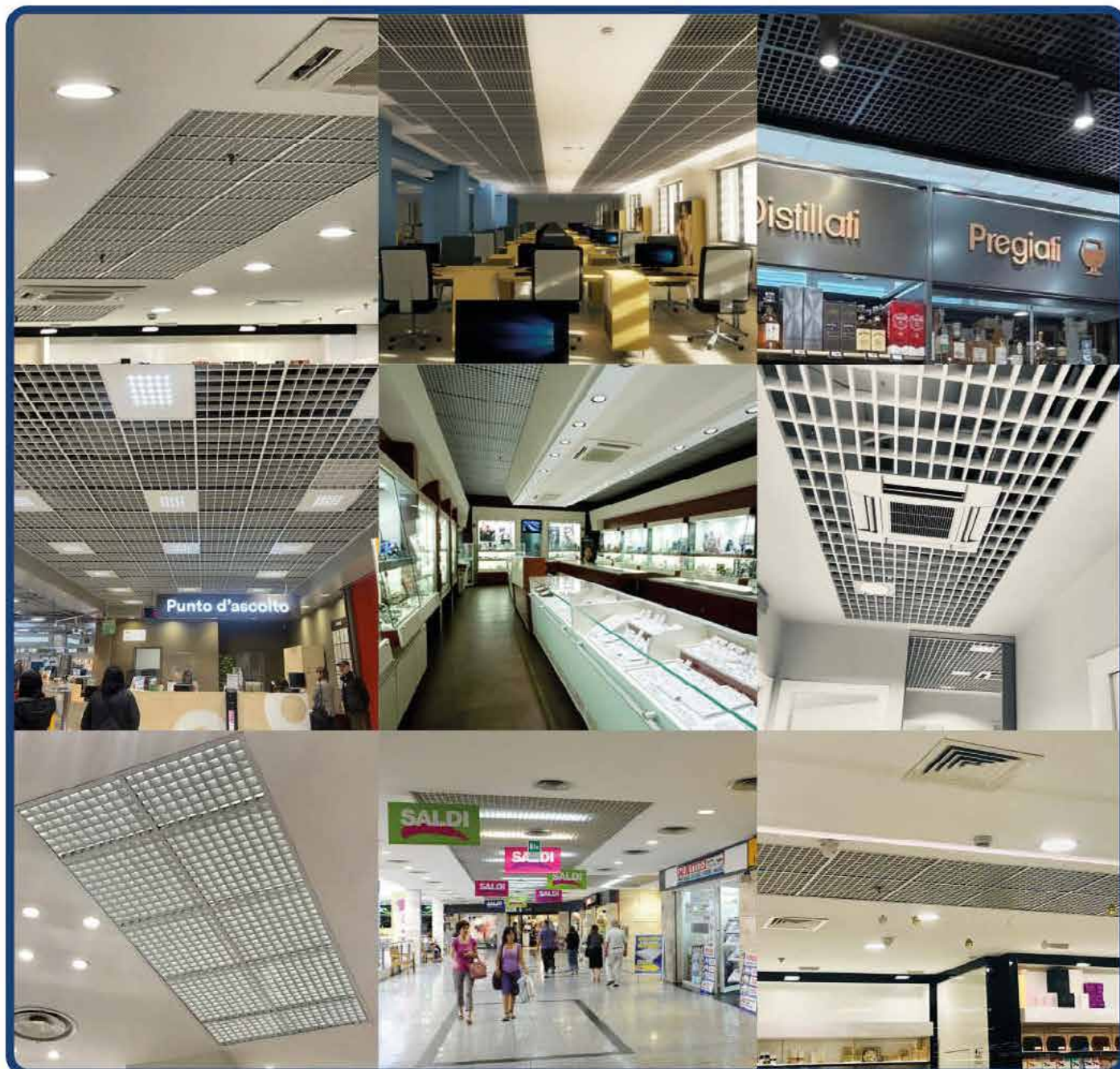
Available systems
 Coki-U Tradizionale
 Coki-B15
 Coki-U Appoggio

Panels dimension
 mm.600 x mm.1200
 available upon request



INTEGRATE IN GYPSUM BOARD FALSE CEILINGS AND REPLACEMENT MINERAL FIBRE PANELS

Open cell U grid false ceiling systems screen movable panels pre painted aluminium incombustible Euroclass A1 washable NOT yellowing 100% humidity resistant for all technical devices fan aspirators, fire extinguishing sprinklers, smoke evacuation, sound speakers, theft protection systems, surveillance cameras



Open cell screen ceiling systems is the best solution to grant easily integrated in all common false ceiling gypsum plaster boards. Quick and easy access to upper shaft for the maintenances of all technical device systems using to use all features, back lighting design, taking fully benefit from the open screen cells system instead of a closed plan ceiling where all devices must be installed external in sight. The open cell carabottino panels can be quickly installed to substitute the harmful to health dirty mineral fibres, glass and rock wool ceiling panels with the simplest lay-on drop on the same existing T grid metal suspension exposed system.

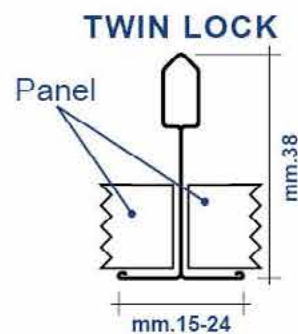
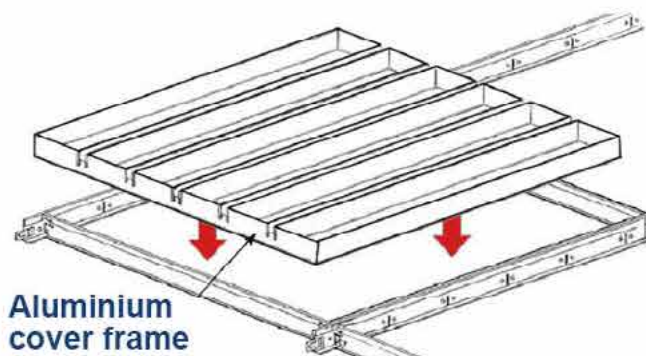
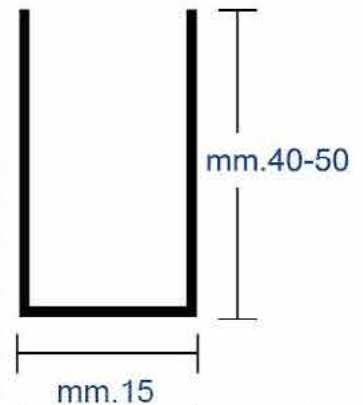
Type COKI LINEAR B15

Technical specification

False suspended open screen ceiling **TYPE METALSCREEN LINEAR B15 LAY-ON** realized with fully removable panels mm.600x600 composed of nr.11 micro-baffles U section width mm.15 heights mm.40-50 pitch mm.50 with open gap mm.35 framed with aluminium cover frames to obtain continuous view without visual break.

Made of pre painted aluminium Incombustible Euroclass A1 Coil Coating alloy 3105-h44-48 thickness mm.0,4, color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (color and finishes follow the choice of the Consultant) NOT allowed sublimation process, pvc adhesive covers, powder coated paints, digital photo-imprinting. The assembled panels lay-on reticular exposed suspension system **TYPE METALSCREEN TWIN LOCK** T grid section main runner and cross tees mm.600-1200 width mm.15 height mm.38 made of hot dipped galvanized steel with exposed pre painted steel capping washable 100% humidity resistant corrosion proof saltiness same color of the panels.

Follow instruction from consultant lateral end finiture are realized with gypsum board frames with T bar profile mm.24xh38 with pre painted aluminium capping color White to keep maintain the same module mm.600x600 of the panels and to avoid cut manually the panels. Available microperforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof fleece on the back (follow choice of the Consultant).



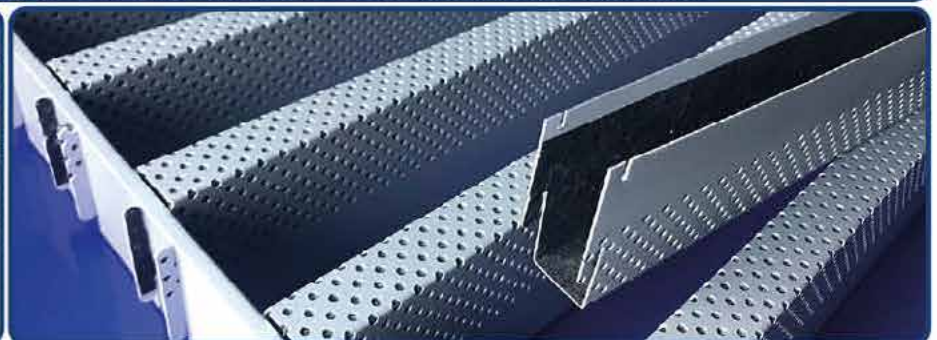
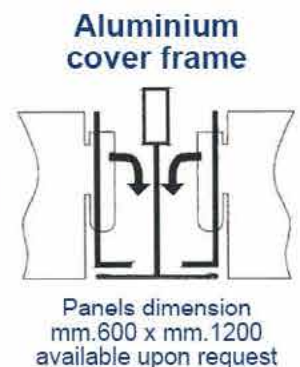
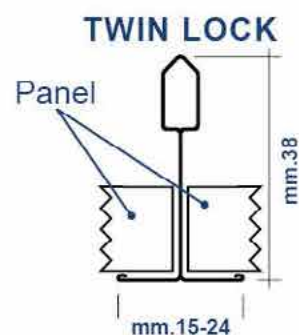
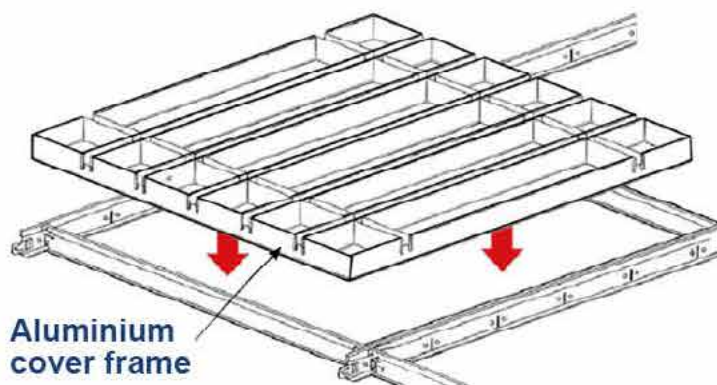
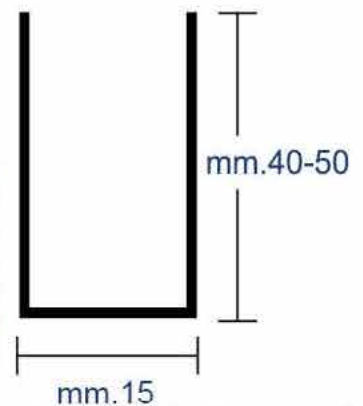
Panels dimension mm.600 x mm.1200 available upon request



Type COKI LINEAR PLUS B15

Technical specification

False suspended open screen ceiling **TYPE METALSCREEN LINEAR B15 PLUS LAY-ON** realized with fully removable panels mm.600x600 composed of micro-baffles nr.11+2 perpendicular U section width mm.15 height s mm.40-50 pitch mm.50 with open gap mm.35 framed with aluminium cover frames to obtain continuous view without visual break. Made of pre painted aluminium Incombustible Euroclass A1 Coil Coating alloy 3105-h44-48 thickness mm.0,4, color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (color and finishes follow the choice of the Consultant) NOT allowed sublimation process, pvc adhesive covers, powder coated paints, digital photo-imprinting. The assembled panels lay-on reticular exposed suspension system **TYPE METALSCREEN TWIN LOCK** T grid section main runner and cross tees mm.600-1200 width mm.15 height mm.38 made of hot dipped galvanized steel with exposed pre painted steel capping washable 100% humidity resistant corrosion proof saltiness same color of the panels. Follow instruction from consultant lateral end finiture are realized with gypsum board frames with T bar profile mm.24xh38 with pre painted aluminium capping color White to keep maintain the same module mm.600x600 of the panels and to avoid cut manually the panels. Available microperforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof fleece on the back (follow choice of the Consultant).





METALSCREEN RANGE OF PRODUCTS

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



LINEAR STRIPES FOR CEILINGS AND WALL CLADDINGS INTERNAL AND EXTERNAL APPLICATIONS

Rounded and shaped edges, open gap closed joint, windproof without joint. Pre painted aluminium and steel Incombustible Euroclass A1



FALSE CEILINGS PANEL SYSTEMS

False ceiling panels mm.600x600 concealed systems CLIP-IN and LAY-IN LAY-ON T 24-15 exposed suspension grid system. Pre painted aluminium and steel 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

APPLICATION AREAS FOR FALSE CEILINGS AND INTERIOR/EXTERIOR CLADDINGS

RETAIL - BANKS - OFFICES - LOUNGES - CORRIDORS - AUDITORIUMS - CONFERENCE ROOMS - SHOWROOMS - CAR SHOWROOMS - SHOPPING CENTRES - CL ASSROOMS - HOTELS - SPAS - CAR PARKS - AIRPORTS - SUBWAYS - RAIL WAY STATIONS - RETAIL OUTLETS - SHOPS - WALKWAYS - MEETING ROOMS - RESTAURANTS - KITCHENS - CANTEENS - GYMS - SWIMMING POOLS - HOSPITALS - OUTPATIENT FACILITIES - FOOD PROCESSING - SHELTERS - CANOPIES - PORCHES - SUBWAYS - BUILDING FAÇADES - OFFICES AND WAREHOUSES - STAIRWELLS - SILOS - SUNSCREENS - SUN PROTECTION FOR WINDOWS - BALCONIES - PERGOLES - TERRACES - VERANDAS

Ceilings and Coatings are produced for internal/external application in compliance with the applicable Technical Standards UNI EN 13964. The products are accompanied on request by the Declaration of Performance D.O.P. as required by European Regulation 305/11 concerning the placing of construction products on the market.

CERTIFICATION	
FLEXURAL STRENGTH	Max. span mm.1200 Classe 1
PAINT DURABILITY	Class C
GALVANIZED DURABILITY	Class B
EMISSION OF HAZARDOUS SUBSTANCES	none
FIRE RESISTANCE	Perforated stripes with acoustic TNT Class A2s1d0
	Cratings, smooth, perforated planks, perforated panels with TNT Class A1
CORROSION RESISTANCE	Galvanised steel products Class C2
	Pre-coated galvanised steel products Class C3
	Pre-coated aluminium products Class C5

LOAD-BEARING CAPACITY AND FLEXURAL STRENGTH

The load-bearing capacity and flexural strength, indicated in the data sheets, express limit states for maintaining the flatness and breaking strength characteristics of the membranes and frames. The metal membranes are Class 1 in flexural strength, and the frames normally have a maximum span of 1200 mm. In accordance with the Technical Regulations for Construction - Ministerial Decree 14/01/2008, lighting fixtures, elements, accessories, technological appliances must be independently suspended from the ceiling and never burden the ceiling system, which is self-supporting only for itself. All membranes are designed to ensure that the aesthetic flatness properties are maintained and are normally dimensioned to support their mass.

WIND AND IMPACT RESISTANCE

The slat systems are certified wind load and impact resistant according to ETAG guide 034-1:2012 and standard UNI EN 19322013 with test parameters and results according to UNI EN 136592015° with tests carried out at accredited laboratories. When calculating the mechanical strength of metal membranes, the vertical downward dead load is considered. Possible upward thrusts that may exceed the ceiling system's own weight must in any case be assessed during the design phase where there are critical upward thrusts possible in doorways and/or windows, rooms/bathrooms without air recirculation, corners, large permanent openings such as auto-silos.

In such cases, it is necessary to dimension the ceiling system appropriately to resist any wind suction and/or pressure. The performance properties declared in the relevant P.O.D. Performance Declarations are assured on condition that the ceiling is installed in the environmental and functional conditions for which it was designed, subject to normal recommended maintenance and not subject to external variables such as tampering, cuts, abrasions, damage in general etc. that may alter the performance characteristics and/or interrupt the coating film. Please evaluate the specific environmental and critical conditions where the product will be installed for appropriate selection of the most suitable materials for the appropriate area of use.

NON-COMBUSTIBLE REACTION TO FIRE EUROCLASS A1

Aluminium and pre-painted steel are classified as non-combustible DOES NOT react to fire DOES NOT produce any harmful emissions. Suspended ceilings and cladding comply with the Euroclass A1 standard (formerly Class 0) for building materials; systems with perforated metal membrane with acoustic fabric are non-combustible.

Aluminium and steel suspended ceilings and cladding do not release hazardous substances. Coil Coating process of pre-coated aluminium and steel using a continuous casting process performed with environmentally friendly substances free of Volatile Organic Compounds (VoC). NO post-coating with powders NO dyeing. Since they are already classified as non-combustible, they have no fire resistance class (REI).

LEED EPD DAP

All products are 100% recyclable and contribute to LEED certification scores with LEED product mapping EPD Environmental Product Declaration DAP Environmental Product Declaration.

The company is certified with an environmental management system UNI EN ISO 14001:2015.

LIGHTWEIGHT ANTI-DETACHMENT

The low specific weight of aluminium, 60% less than steel and copper, makes it the lightest cladding and ceiling system. The low specific weight of aluminium makes the ceiling/cladding system light when fixed to the wall or suspended from the ceiling, avoiding the detachment caused by heavy ceiling systems such as plasterboard, extra-large steel panels, expanded metal, stainless steel. The 1 to 4 weight ratio significantly reduces transport handling costs. It reduces the cost impact of accessories for suspension mounting and wall cladding.

TRANSPORT AND HANDLING IN WAREHOUSES AND CONSTRUCTION SITES

The aluminium is lightweight. Significant reduction in transport costs and easy handling at construction sites and warehouses compared to all other ceiling types on the market.

DURABILITY WASHABLE ROT-PROOF MOISTURE AND CHEMICAL CORROSION PROTECTION

Aluminium suspended ceilings ARE washable and rot-proof, do NOT absorb or produce moisture, do not rust, do not yellow, allowing you to live, work and study in healthy, clean environments. They are NOT hygroscopic like plasterboard, mineral fibre panels, glass wool and rock wool. They do NOT contain lead or chromium. They do NOT absorb fumes, they do NOT release harmful microfibres into the air. BIO SANITAS coating process with anti-microbial active hygienic paints.

RESISTANCE DURABILITY PROTECTION AGAINST CORROSION AND EXTERNAL AGENTS

Thanks to the protective coating and the characteristics of aluminium, coatings and suspended ceilings have unlimited durability for indoor and outdoor use. 100% resistance to corrosion by external agents, salt, acid rain, pollution, fumes, acids, animal guano. We have certified our products with excellent results in salt spray corrosion resistance tests according to UNI EN ISO 9227:2017 at an accredited institute.

Suspended ceilings and cladding are made of pre-coated aluminium and pre-coated galvanised steel adapted to the different durability exposure classes as per the UNI EN ISO 13964 standard on exposure classes: galvanised steel products Class B, pre-coated galvanised steel products Class C, aluminium products are Class D. For applications in environments with particularly aggressive agents: swimming pools, sulphur baths, processing plants, the use of components made of pre-coated aluminium is recommended. The term corrosion indicates a natural and irreversible process of slow and continuous breakdown of a material, resulting in the deterioration of its physical properties. Corrosion resistance is indicated as low - medium - high alongside the corrosivity class of the environment, in order to assess the performance of the coating in the environment of final destination and under operating conditions. It is not a guarantee of durability, but an indication to schedule maintenance activities necessary to maintain the properties in relation to the life cycle for which it was designed.

100% RECYCLABLE ECO SUSTAINABILITY COMPATIBILITY

Aluminium is 100% recyclable. Secondary aluminium possesses the same chemical and physical characteristics as primary aluminium. The product contains 90% recycled material. The aluminium laminate production process is carried out with environmental awareness already in the transformation phase, avoiding energy losses, no use of chromium and lead in pre-treatment, no release of harmful dust, gases and sewage into the ecosystem, and even the heat released from the transformation is recirculated to heat the production facilities. All products are 100% recyclable and contribute to LEED certification scores. LEED product mapping available on request - EPD Environmental Product Declaration, the company is certified with a UNI EN ISO 14001 environmental management system.

AESTHETICS AND PRODUCT QUALITY

Thanks to its highly ductile alloy, aluminium can be transformed during production into a multitude of suspended ceiling and cladding element solutions to meet the needs of designers. It is more easily worked on by the installer during installation with perfect execution and saving time and costs. A further value conferred by the aluminium product at the end of its life being a 100% recyclable alloy they are continually demanded and withdrawn from rolling mills and paid for by weight. Even after 100 years, an aluminium product still has value.

ALL RAL COLOURS - WOOD LIKE OXIDAL WOOD EFFECT ANODISED EFFECT - ULTRA MATT ANTI-GLARE COATING

Continuous pre-painting. Coil Coating process with greater reliability in colour continuity than post-painted materials NO powder coatings. In addition to standard colours, all colours of the RAL colour chart with matt and glossy lacquered finishes can be obtained. High-quality aesthetic finishes WOOD LIKE wood effect, OXIDAL brushed anodised effect, ULTRA MATT super matt anti-glare coating NO dye sublimation NO powder coating NO pvc adhesives NO photo-imprinting. Guaranteed durability, does not change colour and does not yellow like post-coated steel. 100% Moisture and salt corrosion resistance, UV rays.

CHROMATIC TOLERANCES

We operate a quality control system in compliance with the requirements and tolerances of the relevant technical standards. The pre-coated product offers greater reliability in colour uniformity and recovery than post-coated products on supplies made in different production periods or made or using different raw materials combined with each other, slight variations in colour tones from different batches are possible, but always more acceptable than colour variations and the impossibility of combining post-coated products with powders in the same batch of material.

HEAT-INSULATING SOUNDPROOFING

Aluminium in suspended ceilings and claddings can be easily shaped with irregular, interrupted, perforated surfaces and coupled with other insulation materials to achieve excellent sound absorption and heat insulation results. Our products are manufactured using continuous punching and stamping processes with modern CNC automated robotic lines. NO manual die-casting.

DISPOSAL AND MAINTENANCE COSTS

They are practically zero; steel and aluminium are 100% recyclable. Aluminium is a valuable noble metal, the product at the end of its life cycle is taken back and purchased from the rolling mills and 100 per cent recycled and not compulsorily disposed of onerously like other harmful products such as chalk, fibrous, glassy, etc. Recycled content is already present, 85%. The undisputed durability of the manufactured product does not require extra maintenance over time but only occasional washing of the product to remove external sediments.

PACKAGING

Our suspended ceilings and cladding products are packaged in waterproof packaging suitable for shipping and outdoor positioning at construction sites and yards, storage in warehouses and on logistics platform docks. Our optimal packaging made of 100% recyclable and recycled elements protects the product in outdoor and indoor environments before installation. This is also Metalscreen's standard of excellence: from the raw materials to the finished, packaged product.



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.

