



ANNIVERSARY  
**35**  
1987 - 2022

# FALSE CEILINGS

LINEAR PANELS PRE PAINTED ALUMINIUM AND STEEL  
INCOMBUSTIBLE EUROCLASS A1

*Italian excellence for architectural solutions*



EPD®  
THE INTERNATIONAL EPD® SYSTEM



Certified Quality Management System  
UNI EN ISO 9001:2015

Certified Environmental Management System  
UNI EN ISO 14001:2015



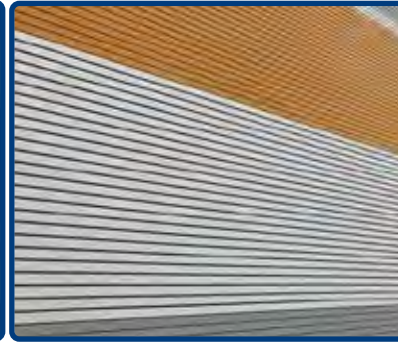
Products with Standards  
European Certified  
EN 13964:2014 - EN 14195:2005

41030 BOMPOR TO MODENA ITALY-EU Via A. Moro 38 Ph. +39 059.8170611  
www.metalscreen.it metalscreen@metalscreen.it

100% MADE IN ITALY

S.244 (1/36)

## RAL Chart

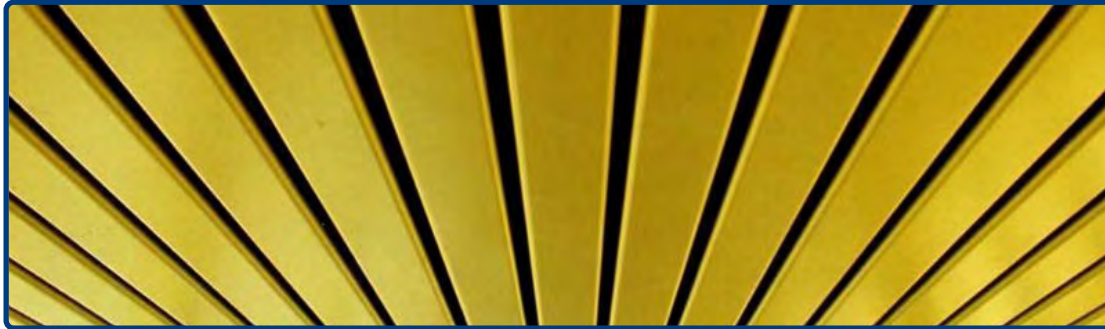


### PRE PAINTED ALUMINIUM COIL COATING

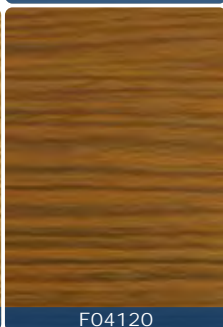
Incombustible Euroclass A1  
Washable  
Lead-free chrome  
Anti yellowing  
100% humidity resistance  
saltiness corrosion



NO powder coatings



## WOOD LIKE wood effect



### PRE PAINTED ALUMINIUM COIL COATING

Incombustible Euroclass A1  
Washable  
Lead-free chrome  
Anti yellowing  
100% humidity resistance  
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.



Management system certification  
ISO 9001:2015 Quality  
ISO 14001:2015 Environmental

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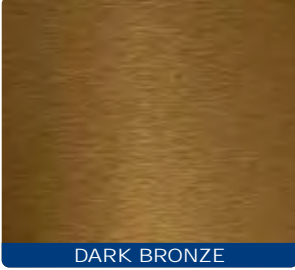




100% MADE IN ITALY



Products with Standards  
European Certified  
EN 13964:2014 - EN 14195:2005

S.244 (2/36)

## 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 resistance
- 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 indoor and outdoor 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.

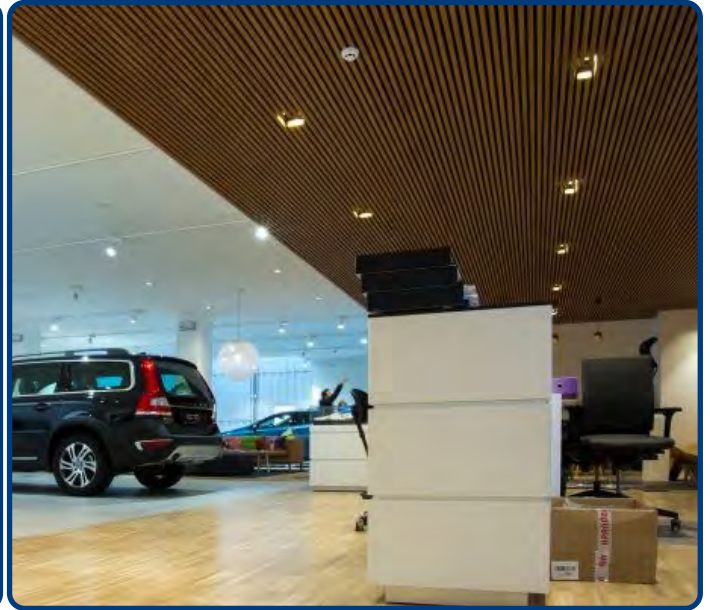
Kindly ask minimum required quantity before your quotation to your client. All colors and finishes depending on availability by model, type and thickness.

**PRE PAINTED ALUMINIUM COIL COATING**

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

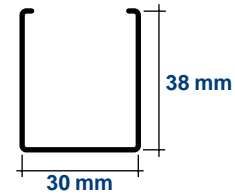
👍 NO sublimation  
👍 NO powder coatings  
👍 NO photo imprinting  
👍 NO pvc coating

👎



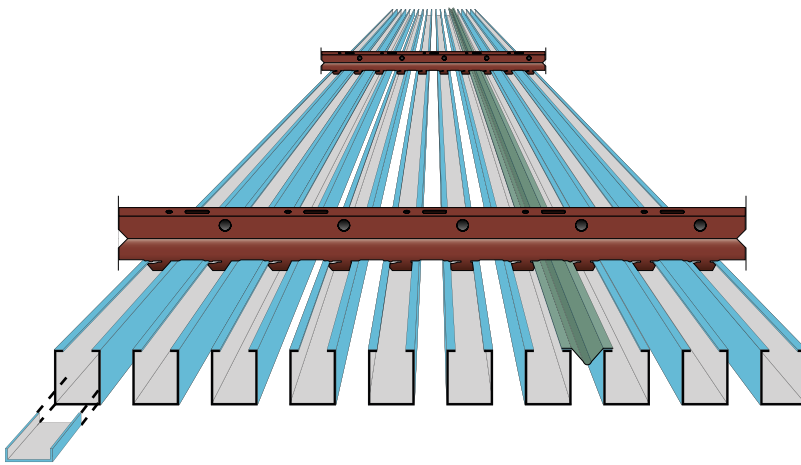
# Type GR/50

## Technical specification

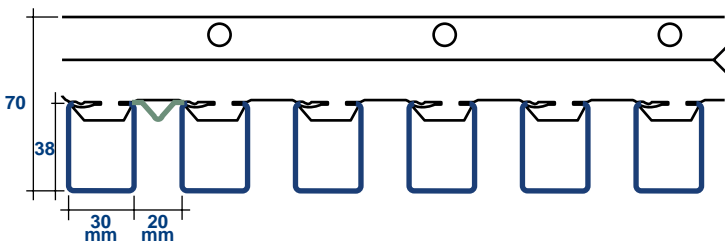


False suspended ceiling **TYPE METALSCREEN GR/50** realized with removable box shaped linear panels plain width mm.30 height mm.38 pitch mm.50 with mm.20 open gap made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo imprinting.

The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel (follow choice of the Consultant). No edge trim perimetrical wall angles are required, the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The panels are connected head to head with **TYPE METALSCREEN SPLICE-30** concealed aluminium splice.

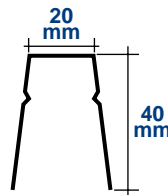


**Type GR/50 mm.30 + mm.20 open gap**

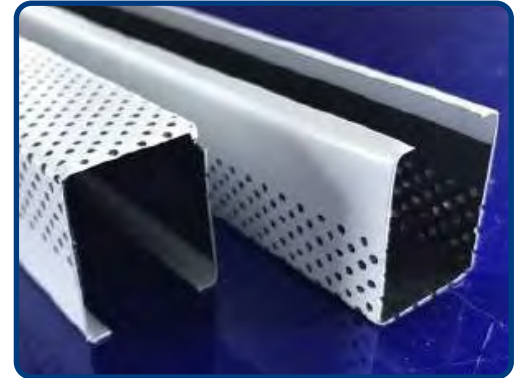


**Type 43 STRONG main supporting carrier**

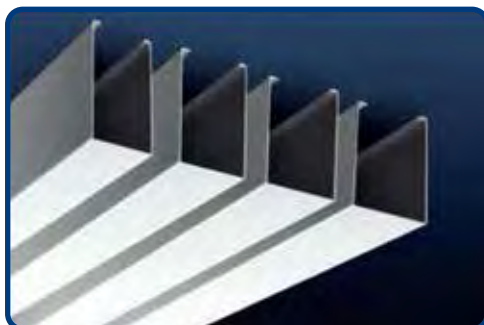
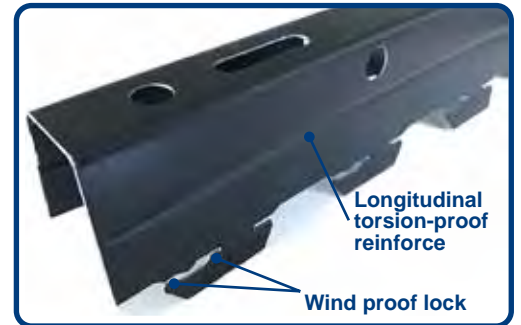
Length mm.4000 - Open gap mm.20



Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel



**Type 43 STRONG U section** supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10

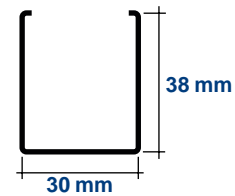


**Type 48**  
Internal flush seagull joint filler for closing gap pre painted aluminium color Black. Length mm.3000

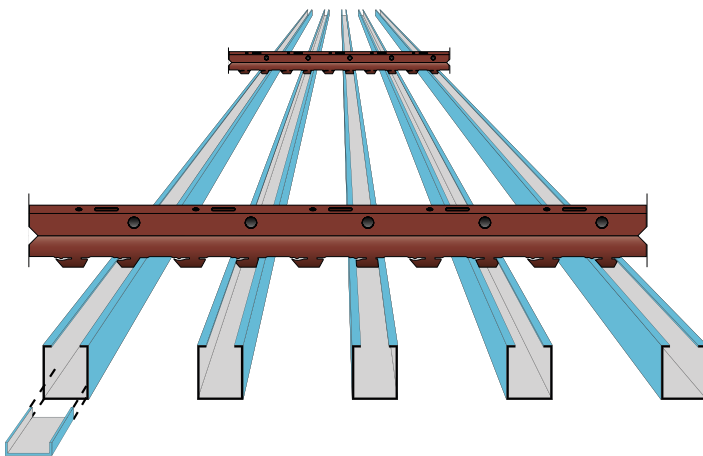


# Type GR/100

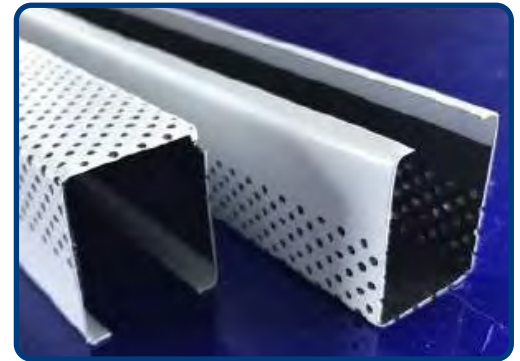
## Technical specification



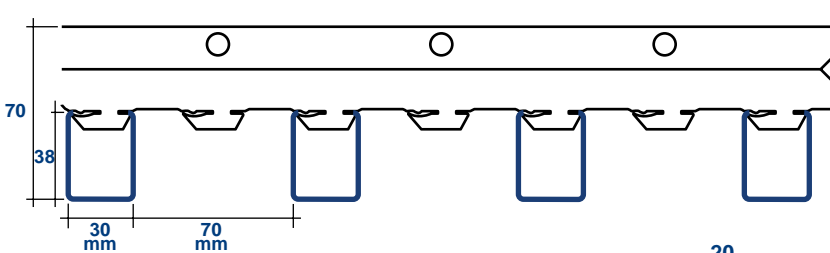
False suspended ceiling **TYPE METALSCREEN GR/100** realized with removable box shaped linear panels TYPE plain width mm.38 height mm.38 pitch mm.100 with open gap mm.70. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more sound proofing acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel (follow choice of the Consultant). No edge trim perimetrical wall angles are required, the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The panels are connected head to head with **TYPE METALSCREEN SPLICE-30** concealed aluminium splice.



Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel

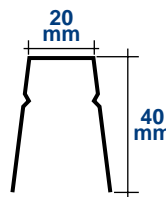


**Type GR/100** mm.30 + mm.70 open gap

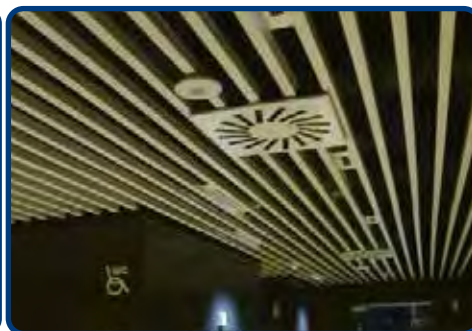
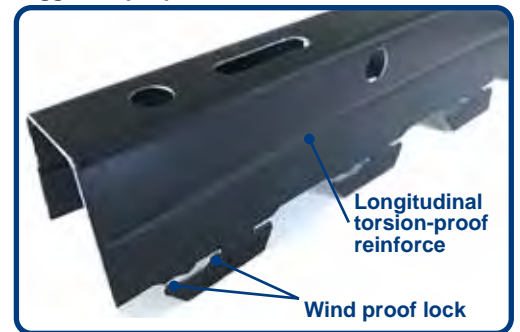


**Type 43 STRONG** main supporting carrier

Length mm.4000 - Open gap mm.20



**Type 43 STRONG** U section supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10



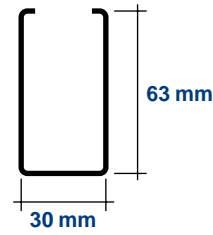
**Type 04**

Metal suspension hanging bracket

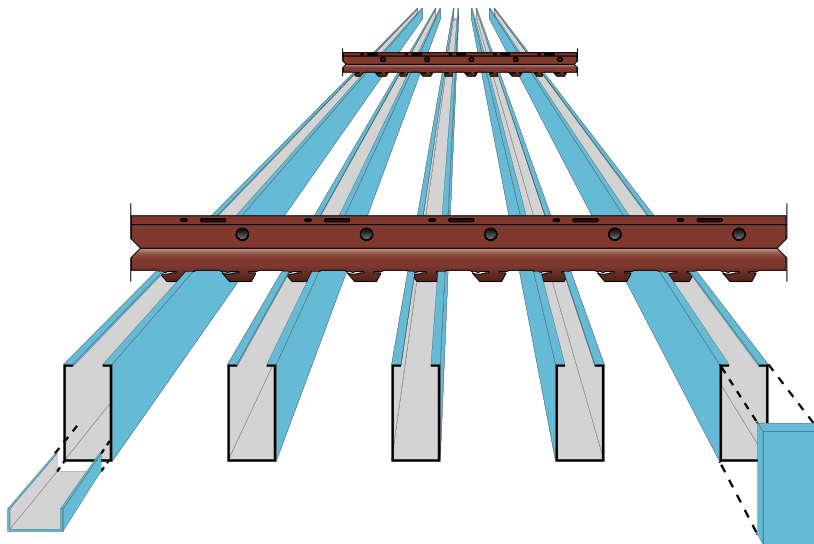


# Type BAFFLE GR-DBX

## Technical specification



False suspended ceiling **TYPE METALSCREEN GR-DBX** realized with removable box shaped Baffle panels plain width mm.30 height mm.64 pitch mm.50-100-150-200 with open gap, mm.20-70-130-170. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1, 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 covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more sound proofing acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel (follow choice of the Consultant). No edge trim perimetrical wall angles are required, the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The panels are connected head to head with **TYPE METALSCREEN SPLICE-30** concealed aluminium splice. The baffle panels provided with removable closing cap end **TYPE METALSCREEN CAP-30** made of aluminium same color and finish of the baffle panel.

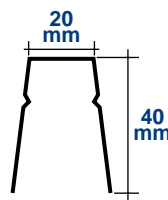
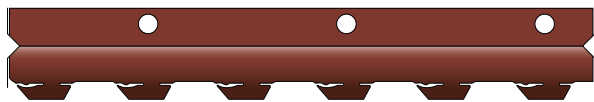


Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel



### Type 43 STRONG main supporting carrier

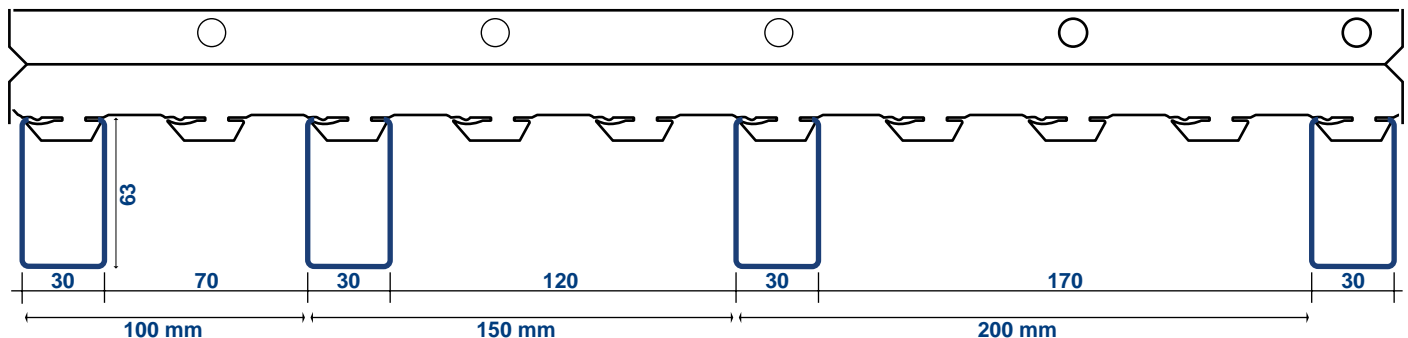
Lenght mm.4000 - Open gap mm.20



**Type 43 STRONG** U section supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. **For outdoor installations suggested pre painted aluminium thickness 10/10**

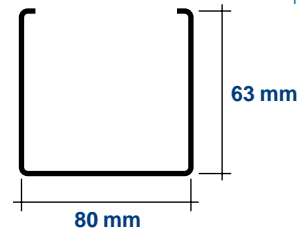


### Type GR-DBX mm.30 + mm.70-120-170 open gap



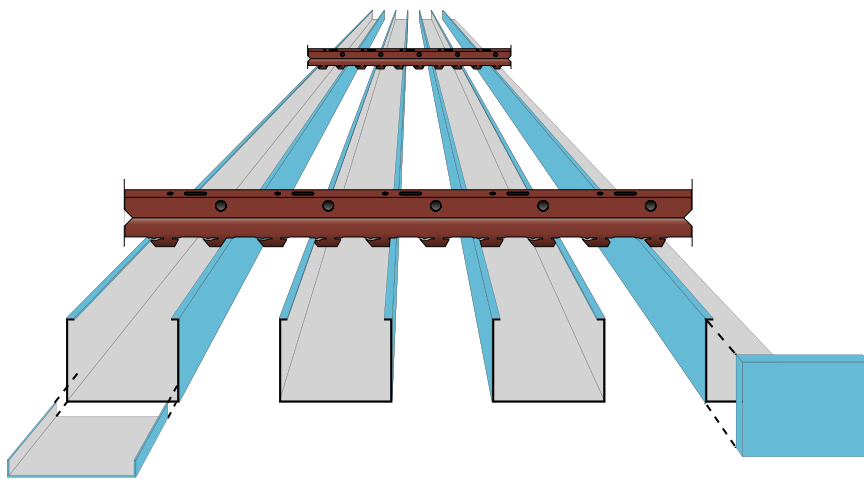
# Type BAFFLE LO/80-DBX

## Technical specification

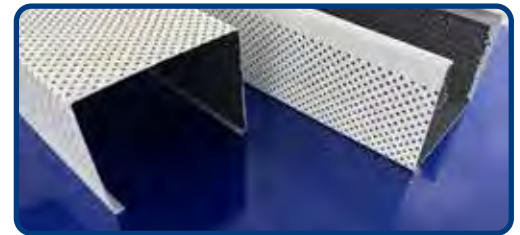


False suspended ceiling **TYPE METALSCREEN LO-DBX/80** realized with removable box shaped Baffle panels plain width mm.80 height mm.64 pitch mm.100-150-200 with open gap mm.20-70-120. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes 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 covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000.

To obtain more sound proofing acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). No edge trim perimetrical wall angles are required, the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The panels are connected head to head with **TYPE METALSCREEN SPLICE-80** concealed aluminium splice. The baffle panels provided with removable closing cap end **TYPE METALSCREEN CAP-80** made of aluminium same color and finish of the baffle panel.



Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel

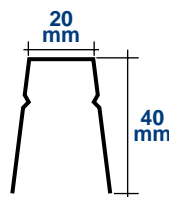
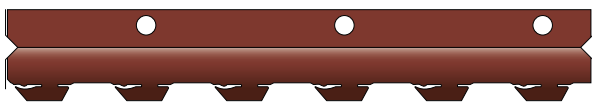


**Type 43 STRONG** U section supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10

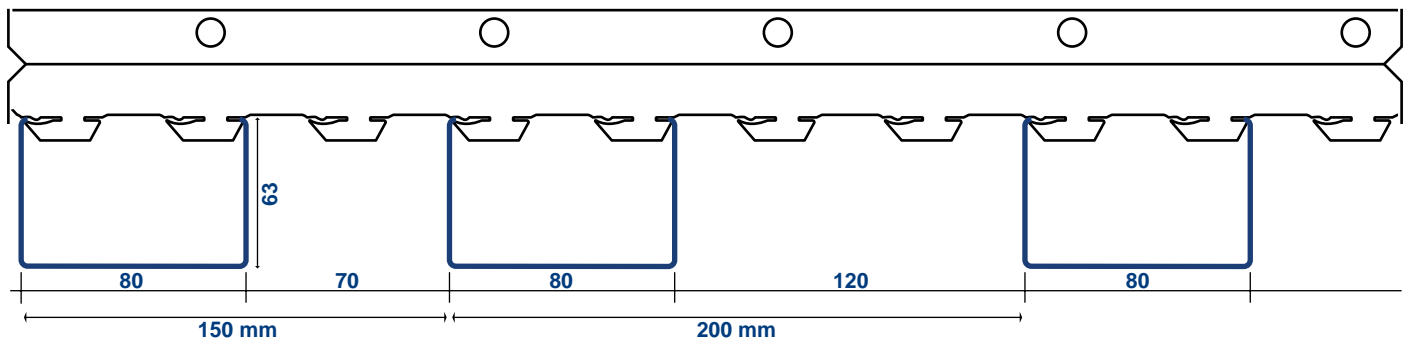


### Type 43 STRONG main supporting carrier

Length mm.4000 - Open gap mm.20



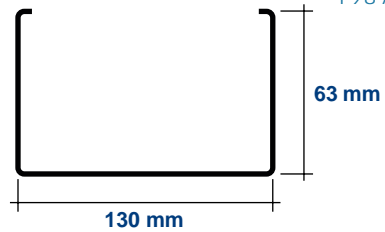
### Type LO/80-DBX mm.80 + mm.70-120 open gap





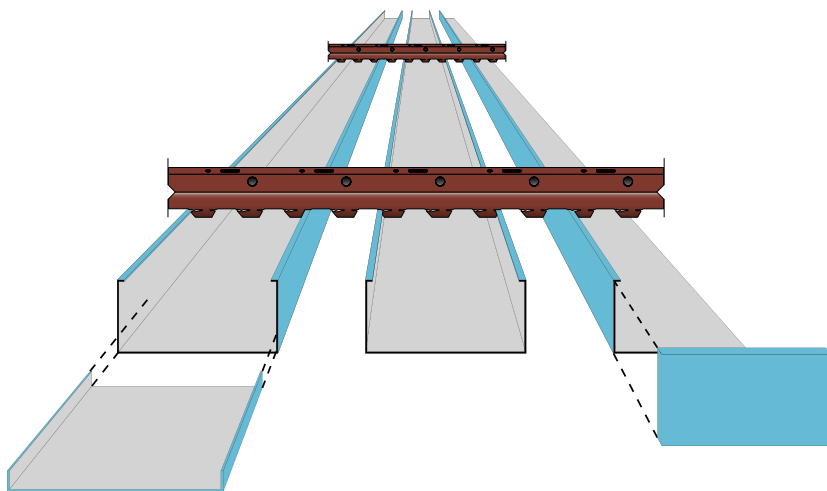
# Type BAFFLE LO/130-DBX

## Technical specification

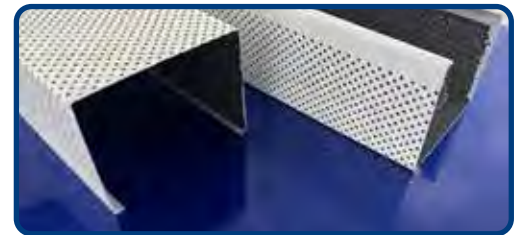


False suspended ceiling **TYPE METALSCREEN LO-DBX/130** realized with removable box shaped Baffle panels plain width mm.130 height mm.64 pitch mm.150-200-250 with open gap mm.20-70-120, made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and 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 covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000.

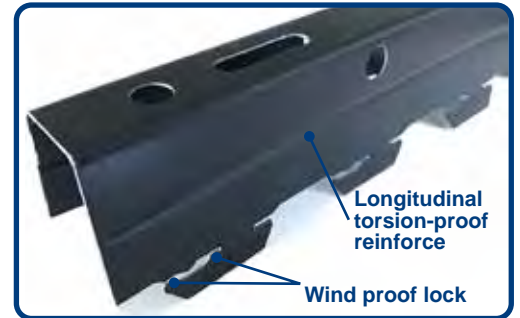
To obtain more sound proofing acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). No edge trim perimetrical wall angles are required, the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The panels are connected head to head with **TYPE METALSCREEN SPLICE-130** concealed aluminium splice. The baffle panels provided with removable closing cap end **TYPE METALSCREEN CAP-130** made of aluminium same color and finish of the baffle panel.



Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel

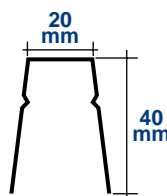
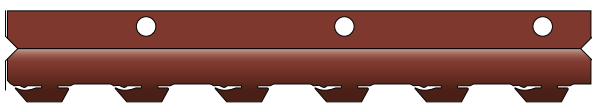


**Type 43 STRONG** U section supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10

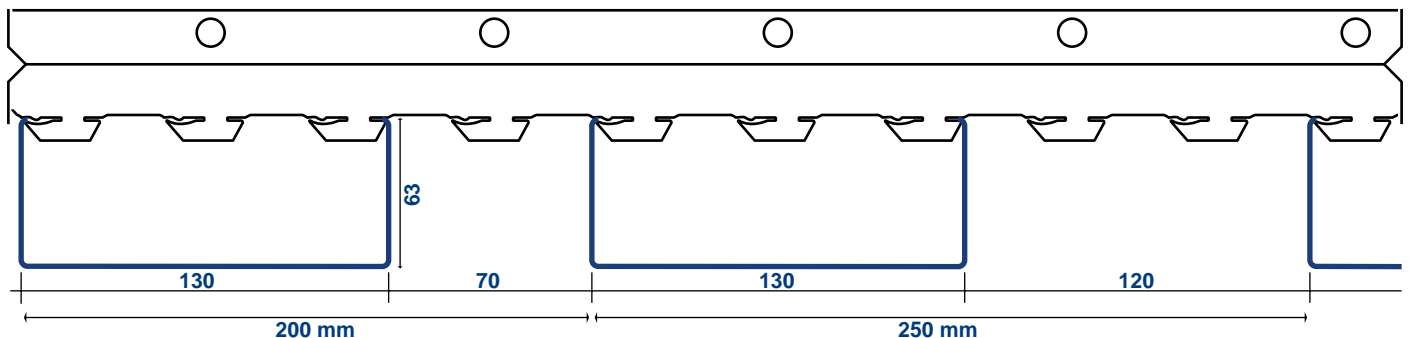


### Type 43 STRONG main supporting carrier

Length mm.4000 - Open gap mm.20



### Type LO/130-DBX mm.130 + mm.70-120 open gap



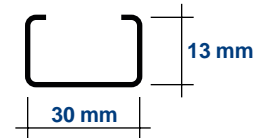
**CAP END** for baffle panels DBX  
 mm.30-80-130 aluminium same color

**SPLICE** concealed aluminium  
 coupling for panels mm.30-80-130



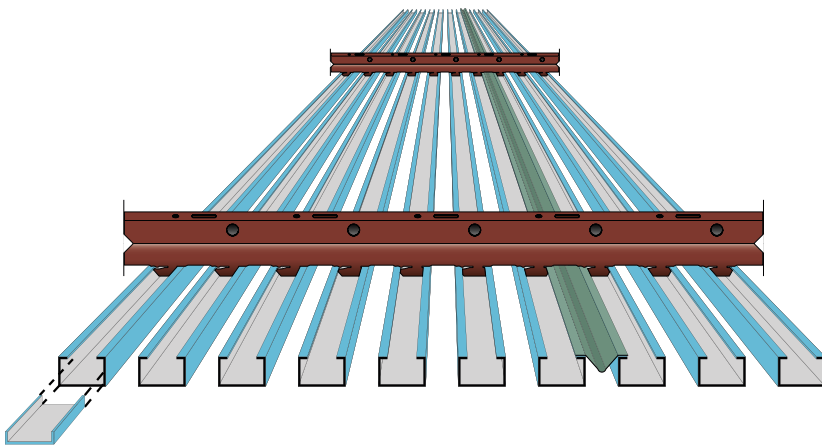
# Type LO/30B

## Technical specification

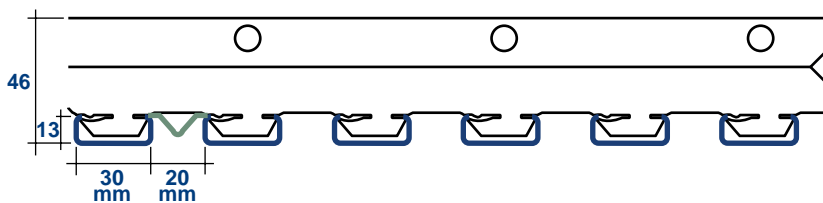


False suspended ceiling **TYPE METALSCREEN LO/30B** realized with removable linear panels shaped edges, plain width mm.30 height mm.13 pitch mm.50 with mm.20 open gap made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation, pvc covers, powder coated paints, digital photo-imprinting.

The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. Perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24X24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected head to head with concealed **TYPE METALSCREEN SPLICE-30** aluminium splice.

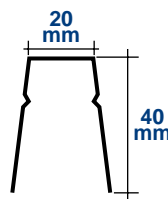
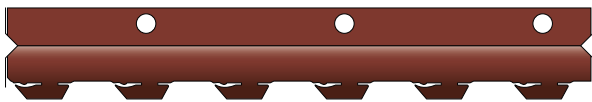


### Type LO/30B mm.30 + mm.20 open gap

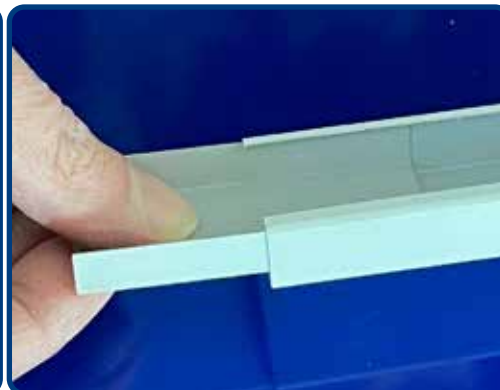
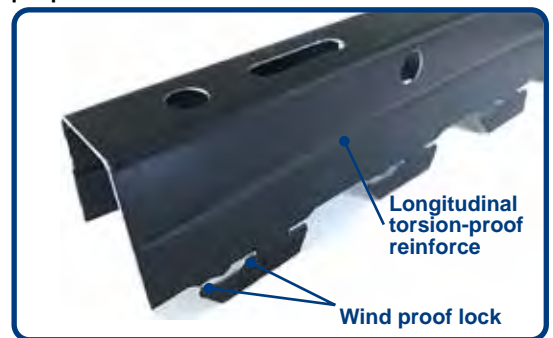


### Type 43 STRONG main supporting carrier

Lenght mm.4000 - Open gap mm.20



**Type 43 STRONG** u section supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. **For outdoor installations suggested pre painted aluminium thickness 10/10**



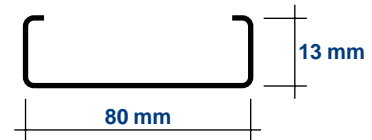
### Type 48

Internal flush seagull joint filler for closing gap pre painted aluminium color Black. Lenght mm.3000

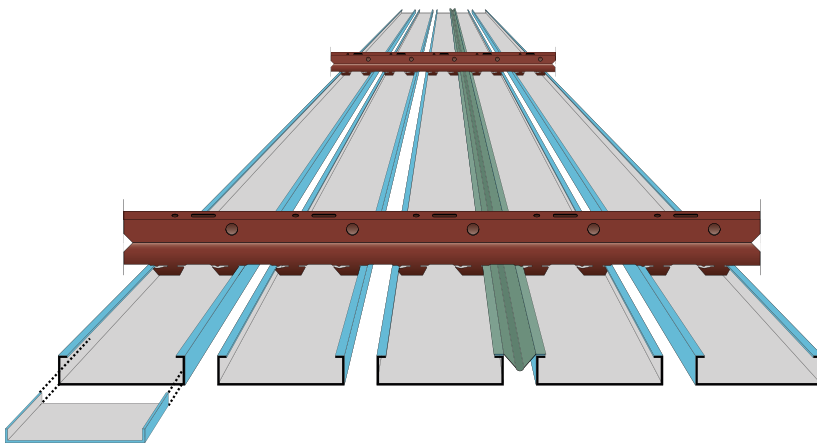


# Type LO/80B

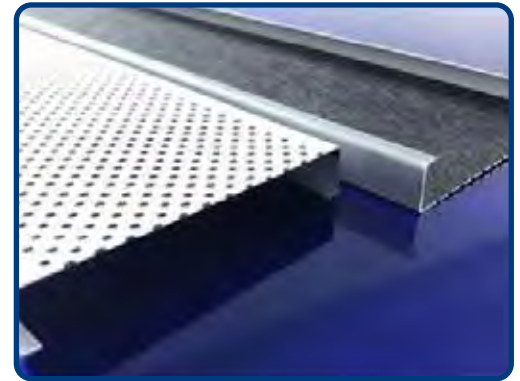
## Technical specification



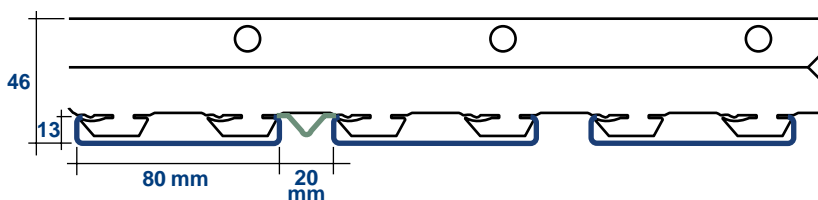
False suspended ceiling **TYPE METALSCREEN LO/80B** realized with removable linear panels plain shaped edges width mm.80 height mm.13 pitch mm.100-150 with open gap mm.20-70 Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle trim **TYPE METALSCREEN RA L** section mm.24X24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected head to head with **TYPE METALSCREEN SPLICE-80** concealed aluminium splice.



Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel

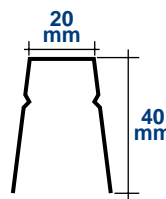
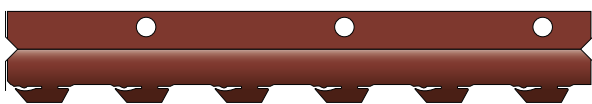


### Type LO/80B mm.80 + mm.20 open gap



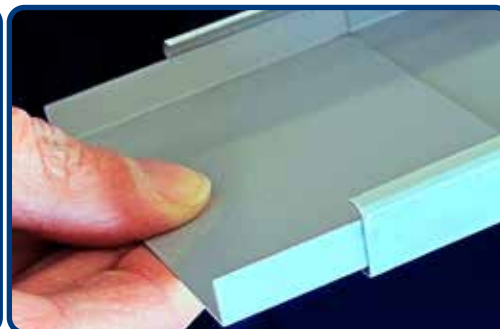
### Type 43 STRONG main supporting carrier

Lenght mm.4000 - Open gap mm.20



### Type 43 STRONG U section

supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10



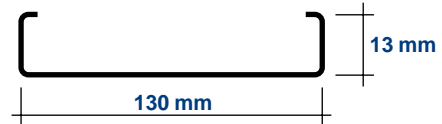
### Type 48

Internal flush seagull joint filler for closing gap pre painted aluminium color Black. Lenght mm.3000

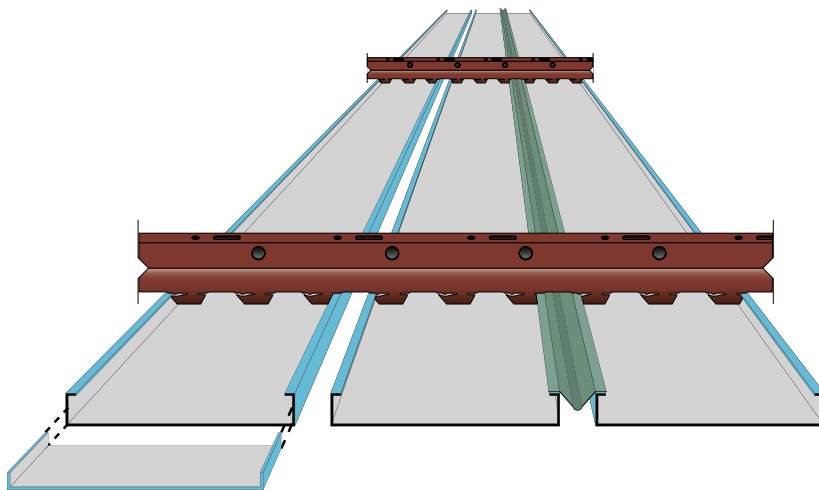


# Type LO/130B

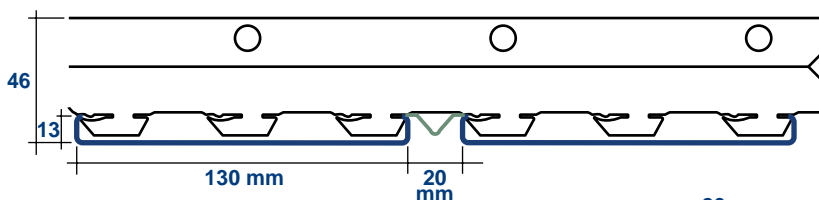
## Technical specification



False suspended ceiling **TYPE METALSCREEN LO/130B** realized with removable linear panels plain shaped edges width mm.130 height mm.13 pitch mm.150-200 with open gap mm.20-70. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24X24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected head to head with **TYPE METALSCREEN SPLICE-130** concealed aluminium splice.

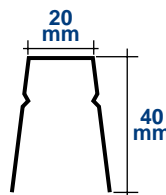
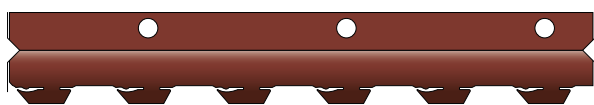


**Type LO/130B** mm.130 + mm.20 open gap

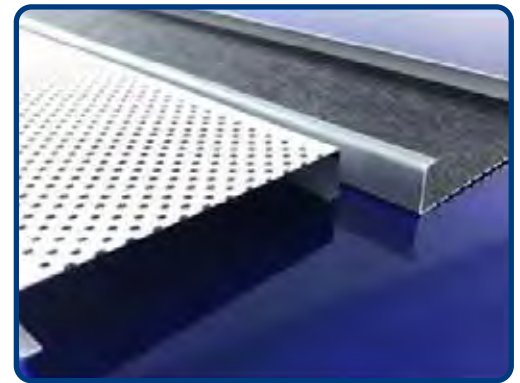


**Type 43 STRONG** main supporting carrier

Lenght mm.4000 - Open gap mm.20

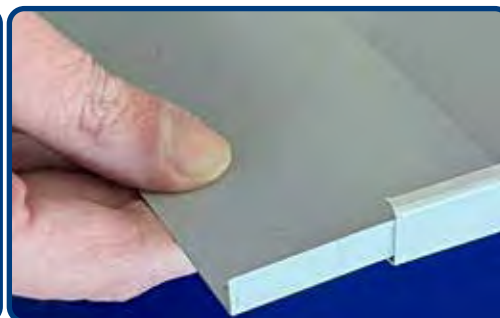
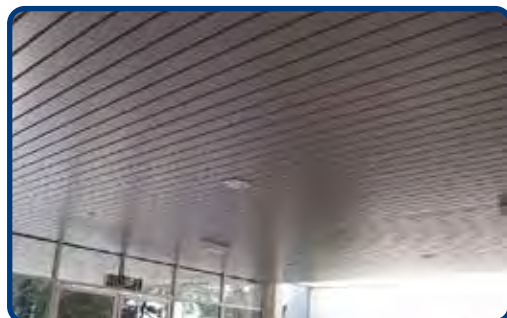
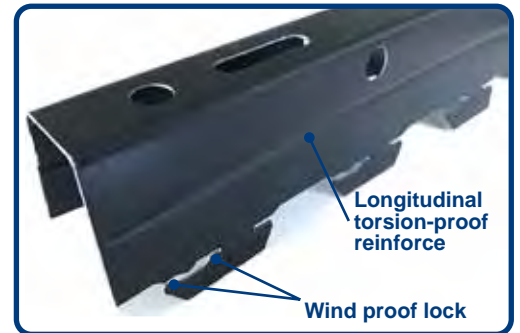


Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel



**Type 43 STRONG** U section

supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. **For outdoor installations suggested pre painted aluminium thickness 10/10**



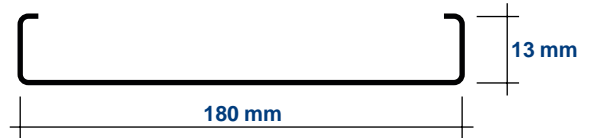
**Type 48**

Internal flush seagull joint filler for closing gap pre painted aluminium color Black. Lenght mm.3000

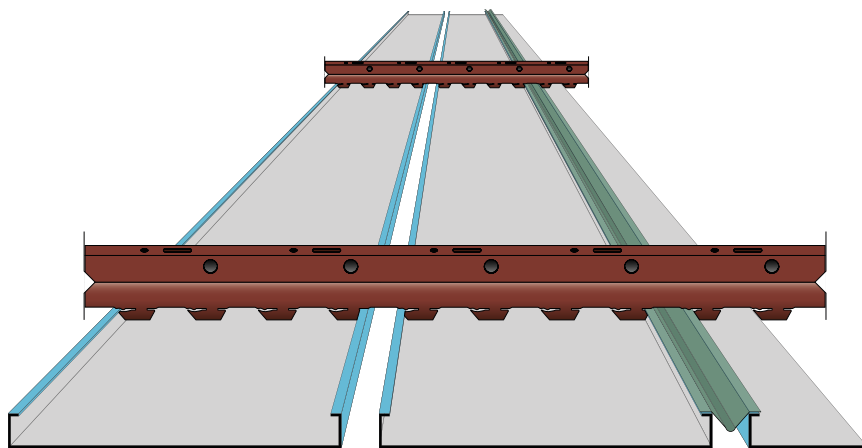


# Type LO/180B

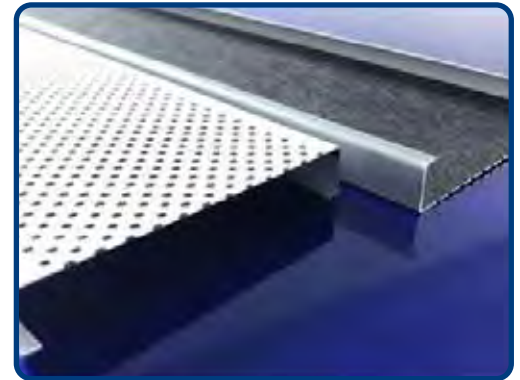
## Technical specification



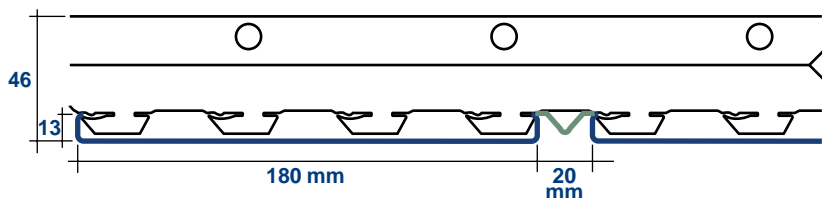
False suspended ceiling **TYPE METALSCREEN LO/180B** realized with removable linear panels plain shaped edges width mm.180 height mm.13 pitch mm.200-250 with open gap mm.20-70. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected head to head.



Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel

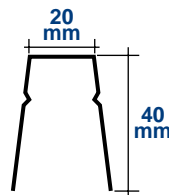


### Type LO/180B mm.180 + mm.20 open gap



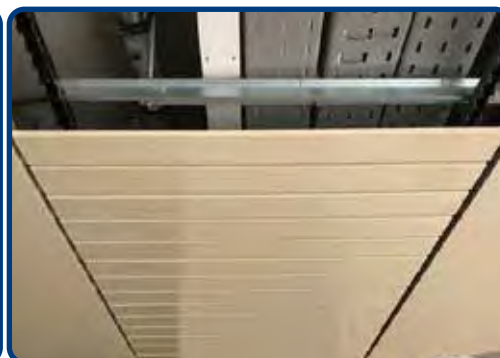
### Type 43 STRONG main supporting carrier

Lenght mm.4000 - Open gap mm.20



### Type 43 STRONG U section

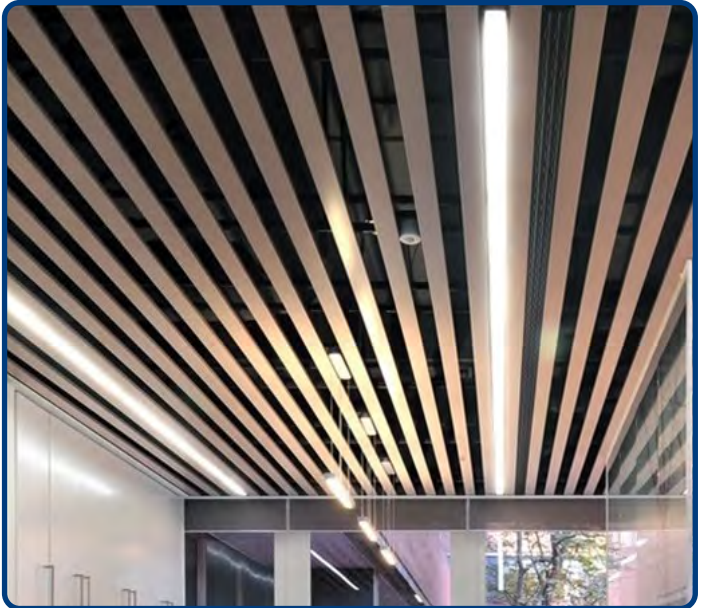
supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10



### Type 48

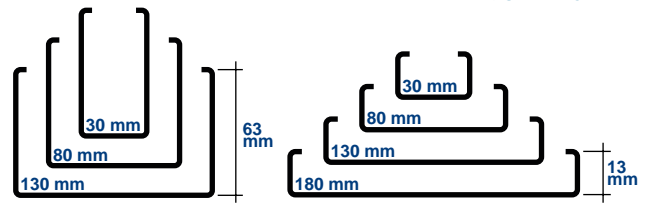
Internal flush seagull joint filler for closing gap pre painted aluminium color Black. Lenght mm.3000



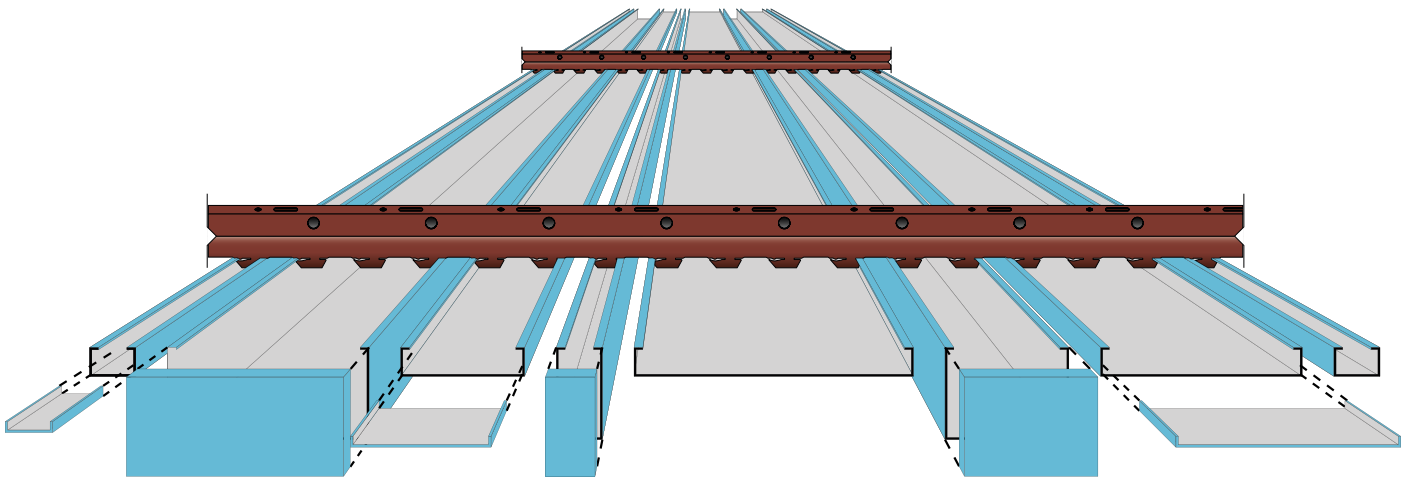


# Type MULTIPANEL 3D

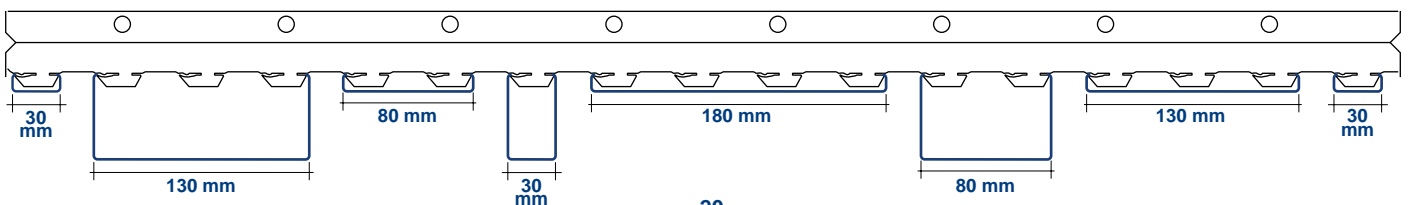
## Technical specification



False suspended ceiling **TYPE METALSCREEN MULTIPANEL 3D** with removable linear panels clip-on the same main runner with different module widths and heights (following the installation guideline sequence of the consultant). Realized with Box panels shaped edges widths mm.30DBX-80DBX-130DBX height mm.64 combined with linear panels plain shaped edges widths mm.30B-80B-130B-180B height mm.13 with mm.20 open gap made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 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 covers, powder coated paints, digital false photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). No edge trim perimetrical wall angles are required, the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The linear panels are connected head to head with concealed aluminium splice **NO plastic TYPE METALSCREEN SPLICE-30-80-130**. The baffle panels provided with removable closing cap end **TYPE METALSCREEN CAP-30-80-130** made of aluminium same color and finish of the baffle panel.

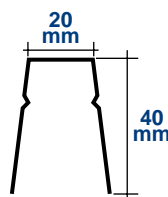


### Type MULTIPANEL 3D mm.30-80-130-180 + mm.20 open gap



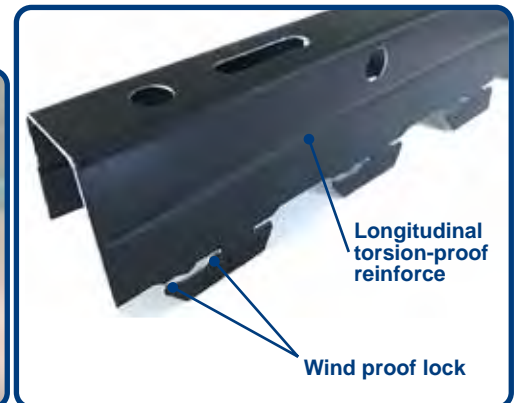
### Type 43 STRONG main supporting carrier

Lenght mm.4000 - Open gap mm.20



### Type 43 STRONG U section

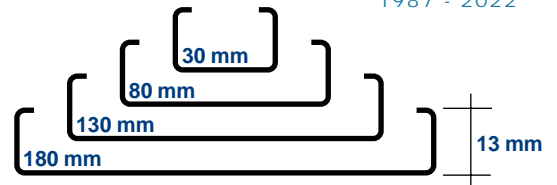
supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. **For outdoor installations suggested pre painted aluminium thickness 10/10**



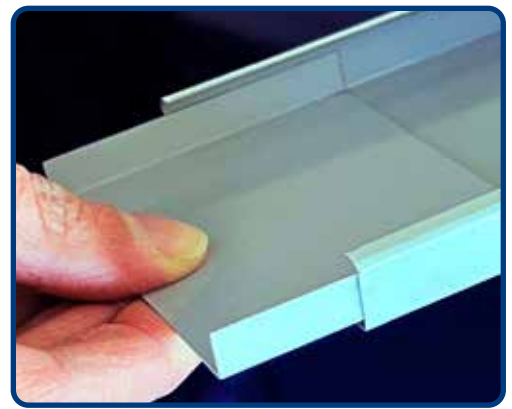
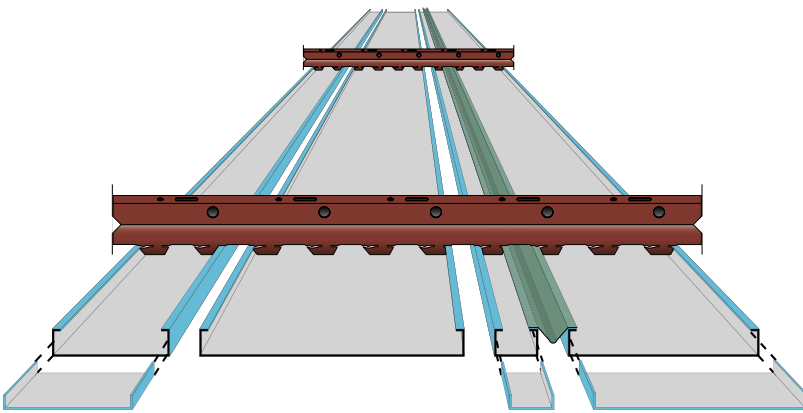


# Type MULTIPANEL

## Technical specification



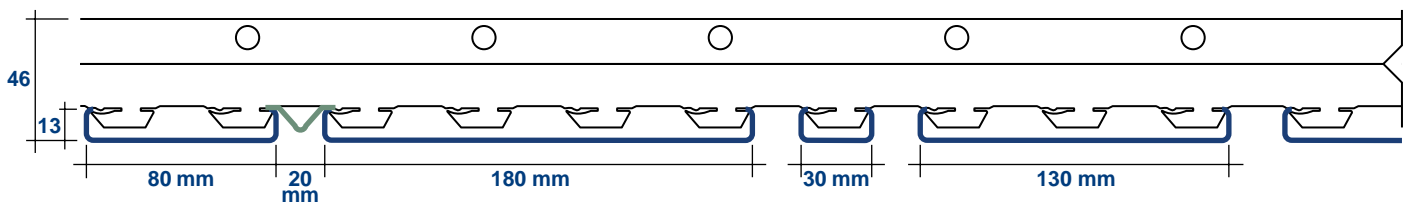
False suspended ceiling **TYPE METALSCREEN MULTIPANEL** with removable linear panels clip-on on the same main runner with different module widths (following the installation guideline sequence of the consultant). Realized with linear panels plain shaped edges widths mm.30B-80B-130B-180B height mm.13 with mm.20 open gap made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 43 STRONG** hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides. Soundproof acoustical benefit, the panels will be micro perforated diagonal holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). Wall sides with perimetrical edge angle trim **TYPE METALSCREEN RA L** section mm.24x24 same color and finish of the panels. The linear panels are coupled head to head with **TYPE METALSCREEN SPLICE-30-80-130** concealed aluminium splice.



**Type 43 STRONG** U section supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. **For outdoor installations suggested pre painted aluminium thickness 10/10**

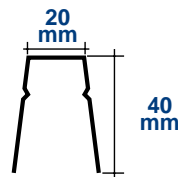
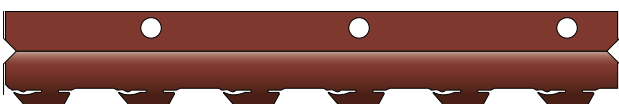


### Type MULTIPANEL LO/30B - LO/80B - LO/130B - LO/180B



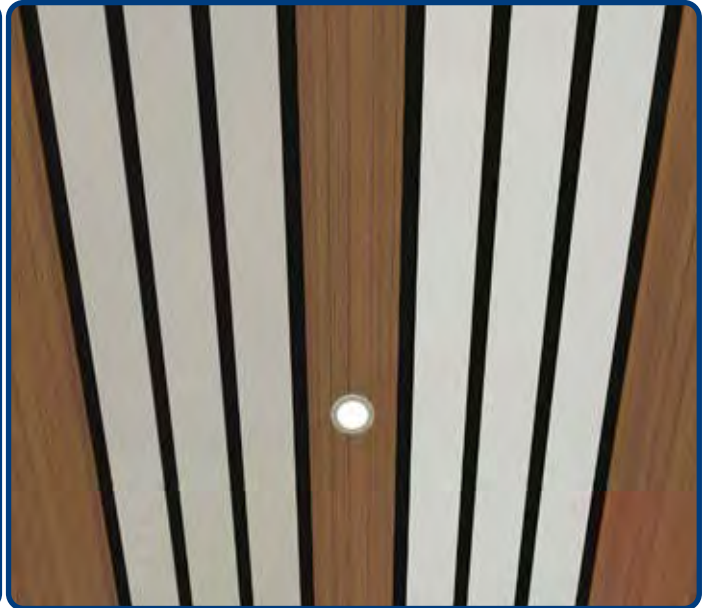
### Type 43 STRONG main supporting carrier

Lenght mm.4000 - Open gap mm.20



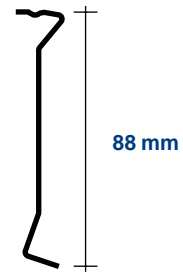
**Type 48** Internal flush seagull joint filler for closing gap pre painted aluminium color Black. Lenght mm.3000



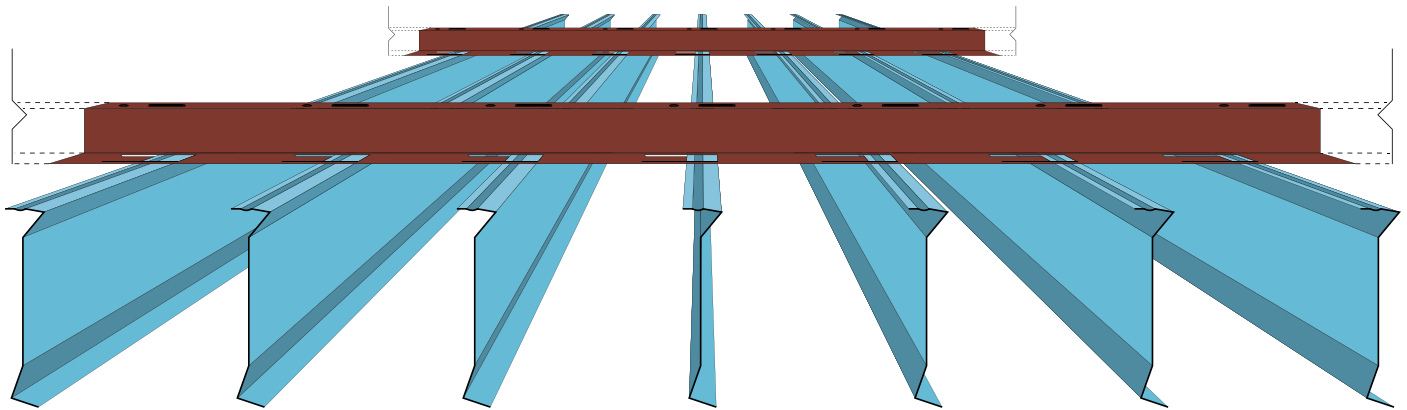


# Type LH-V100 vertical screen

## Technical specification

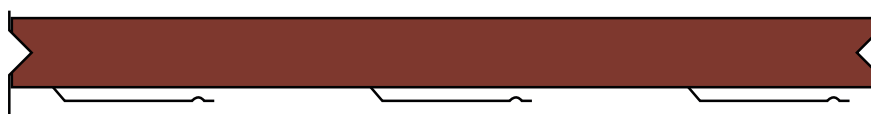
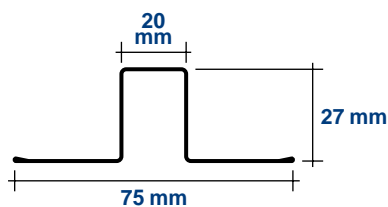


False suspended screen ceiling **TYPE METALSCREEN LH-V100** realized with removable vertical linear panels height mm.88 pitch mm.100 with mm.100 open gap made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 coated both sides, color and finishes from **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 panels are suspended with a simple clip-on the main supporting Omega carrier **TYPE METALSCREEN 44-01** made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. No edge trim perimetrical wall angles are required the panels system must have an open joint minimum mm.20 all around the perimeter to obtain floating aesthetical view. The linear panels are connected head to head.



### Type 44-01 Omega main supporting carrier

Length mm.4000 - Open gap mm.100

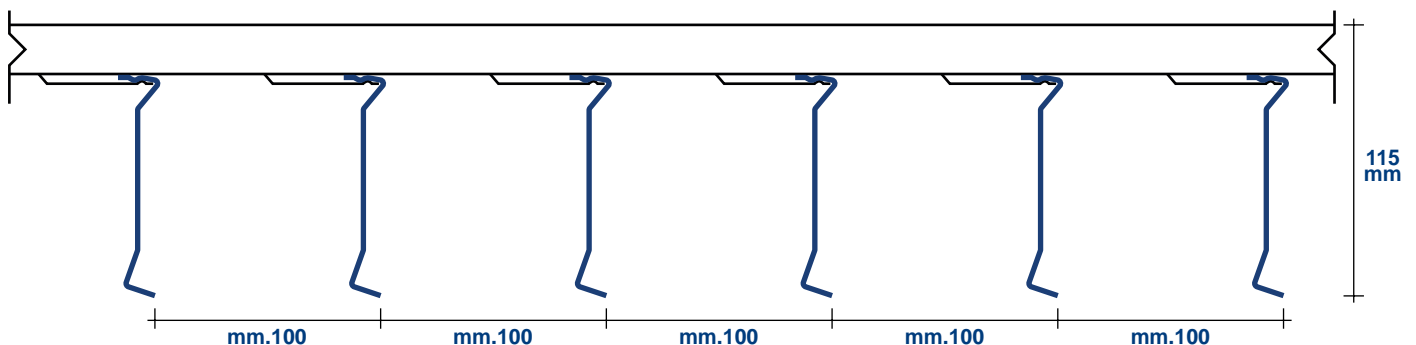


### Type 44-01 Omega

Supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. Standard length mm.4000

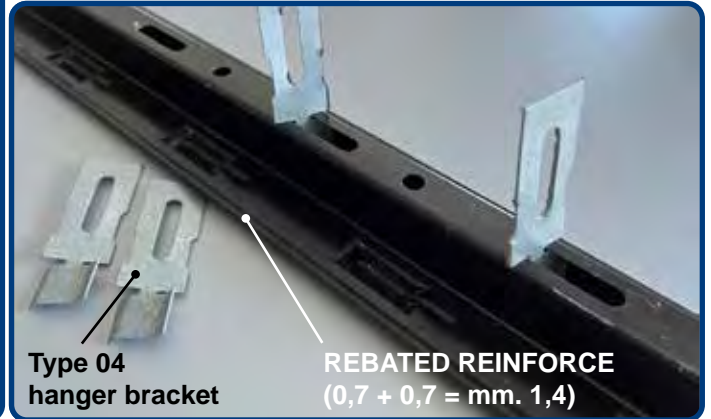


### Type LH-V100 open gap mm.100



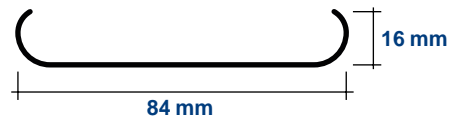


OMEGA 44-01 Type 04  
 Main supporting carrier Hanger bracket



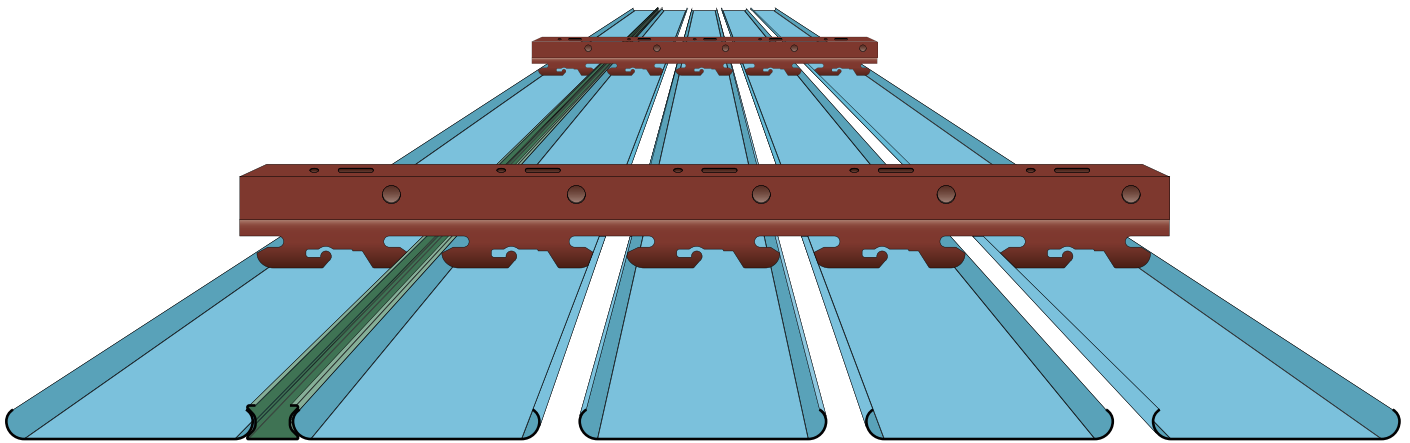
# Type LC/84R

## Technical specification

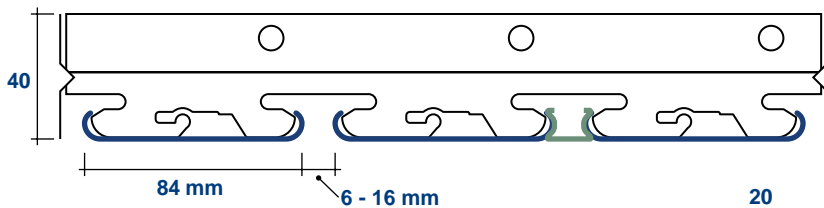


False suspended ceiling **TYPE METALSCREEN LC/100 - LC/90** realized with removable linear panels plain rounded edges width mm.84 height mm.16 pitch mm.90-100 with mm.6-16 open gap. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting.

The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100-90 STRONG** U section with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2-3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected with simple overlap of the strip panel.



**Type LC** mm.84 + mm.6-16 open gap

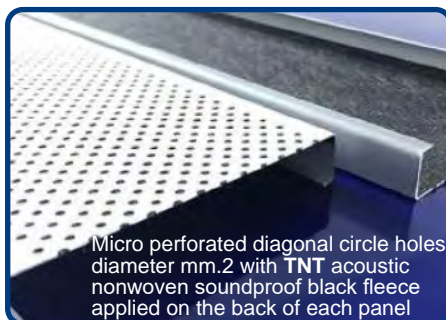
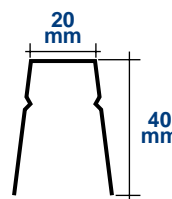


**Type 63/Z STRONG** U supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10



**Type 63/Z STRONG** main supporting carrier

Length mm.4000 - Open gap mm.6-16



Micro perforated diagonal circle holes diameter mm.2 with TNT acoustic nonwoven soundproof black fleece applied on the back of each panel



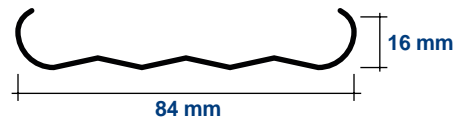
**Type 46**

Flush joint filler profile for closing gap Type LC-LS pre painted aluminium color Black. Length mm.3000



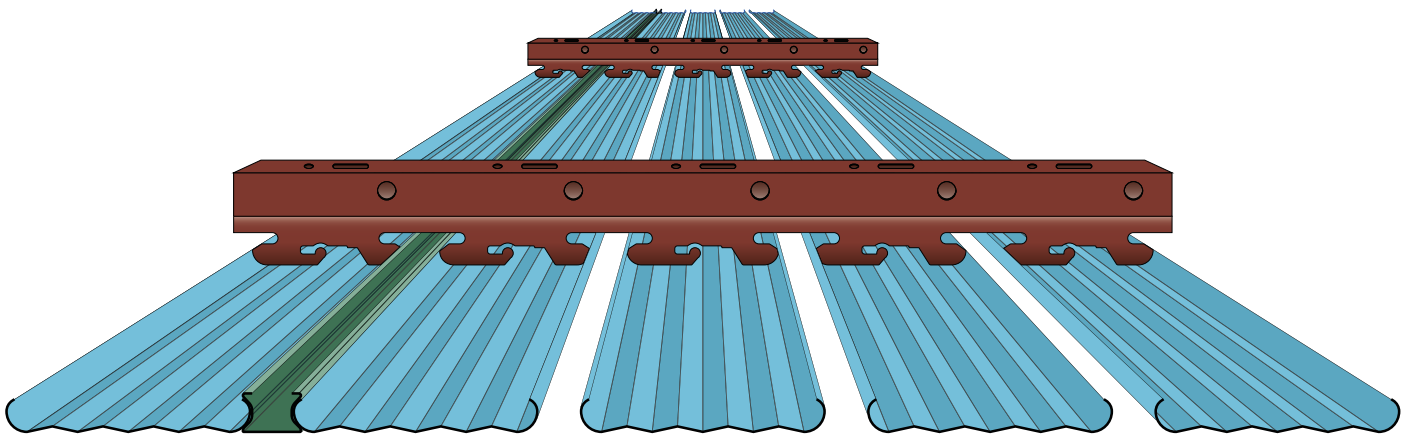
# Type LS ribbed reinforced

## Technical specification

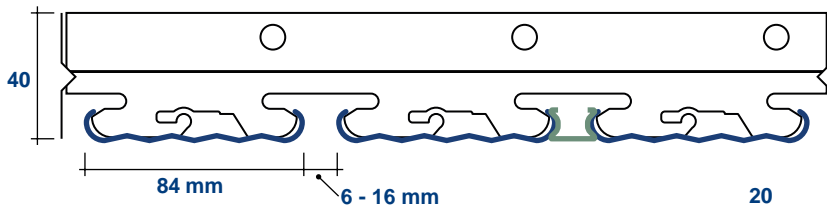


False suspended ceiling **TYPE METALSCREEN LS** realized with removable linear panels reinforce ribbed surface rounded edges width mm.84 height mm.16 pitch mm.90-100 with mm.6-16 open gap. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting.

The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100-90 STRONG** U section with longitudinal hard torsion-proof reinforce made of pre painted steel thickness mm.0,6 color Black coated on both sides perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2-3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected with simple overlap of the strip panel.

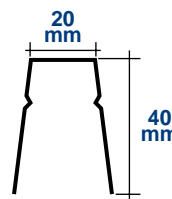


### Type LS mm.84 + mm.6-16 open gap

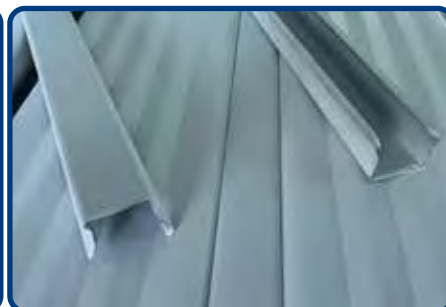


### Type 63/Z STRONG main supporting carrier

Length mm.4000 - Open gap mm.6-16



**Type 63/Z STRONG** U supporting carrier hard torsion-proof reinforce made of pre painted steel color Black coated on both sides thickness mm.0,6. For outdoor installations suggested pre painted aluminium thickness 10/10



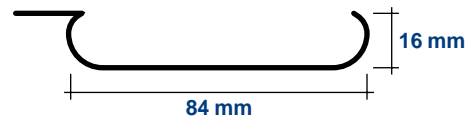
### Type 46

Flush joint filler profile for closing gap Type LC-LS pre painted aluminium color Black. Length mm.3000



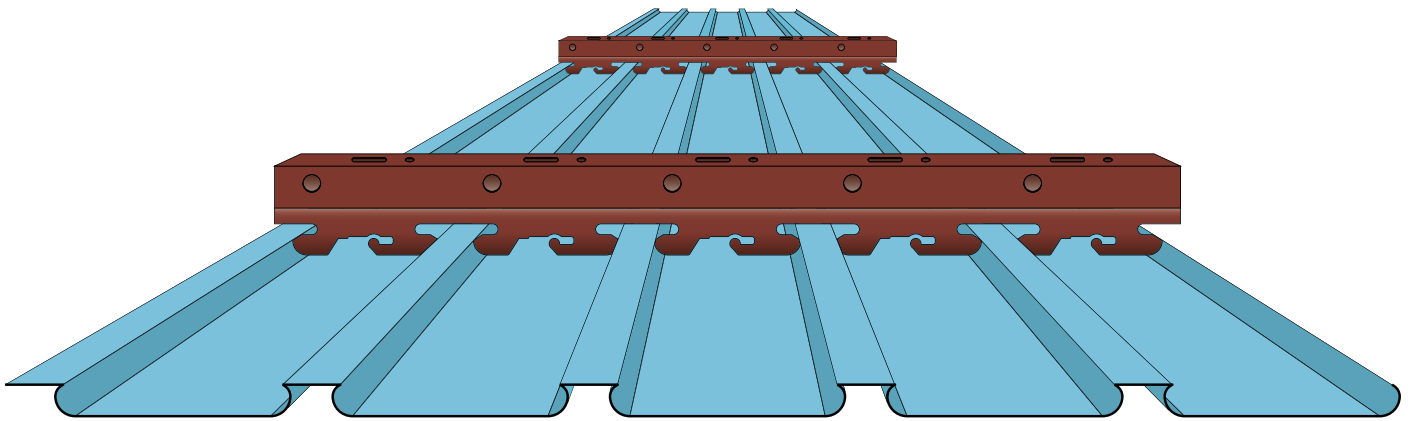
# Type LT/100

## Technical specification

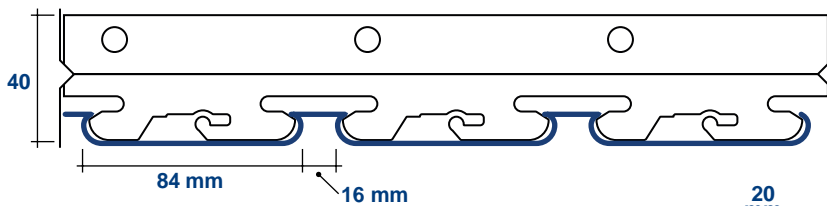


False suspended ceiling **TYPE METALSCREEN LT/100** realized with removable linear panels plain rounded edges width mm.84 height mm.16 pitch mm.100 with mm.16 closed joint gap. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,5-0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (thickness, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/Z STRONG** U section with longitudinal hard torsion-proof reinforce made of hot dipped galvanized steel reinforced thickness mm.0,7 perpendicular suspended at maximum mm.1000.

To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2-3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. The linear panels are connected with simple overlap of the strip panel.

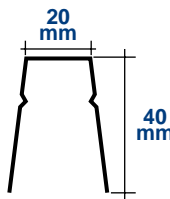
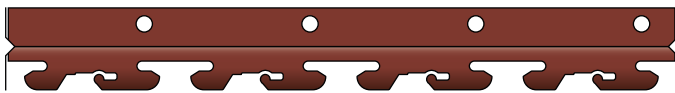


### Type LT mm.84 + mm.16 closed gap



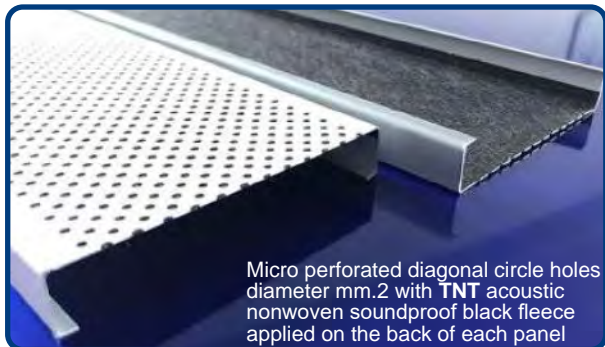
### Type 63/Z STRONG main supporting carrier

Lenght mm.4000 - Closed gap mm.16

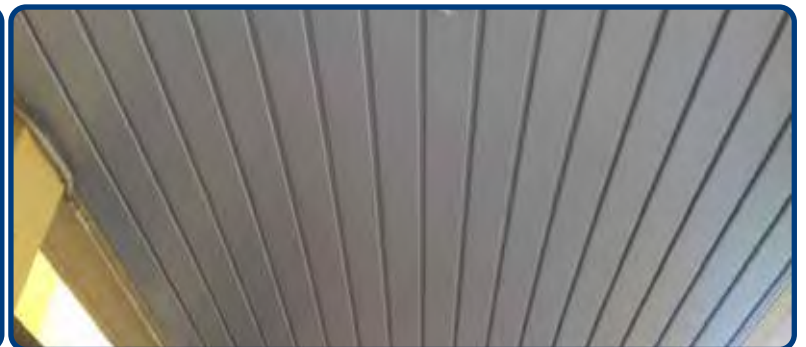


### Type 63/Z STRONG

U supporting carrier hard torsion-proof reinforce made of galvanized steel thickness mm.0,7. For outdoor installations suggested pre painted aluminium thickness 10/10 color Black coated on both sides

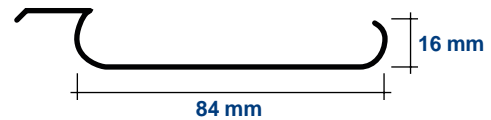


Micro perforated diagonal circle holes diameter mm.2 with **TNT** acoustic nonwoven soundproof black fleece applied on the back of each panel



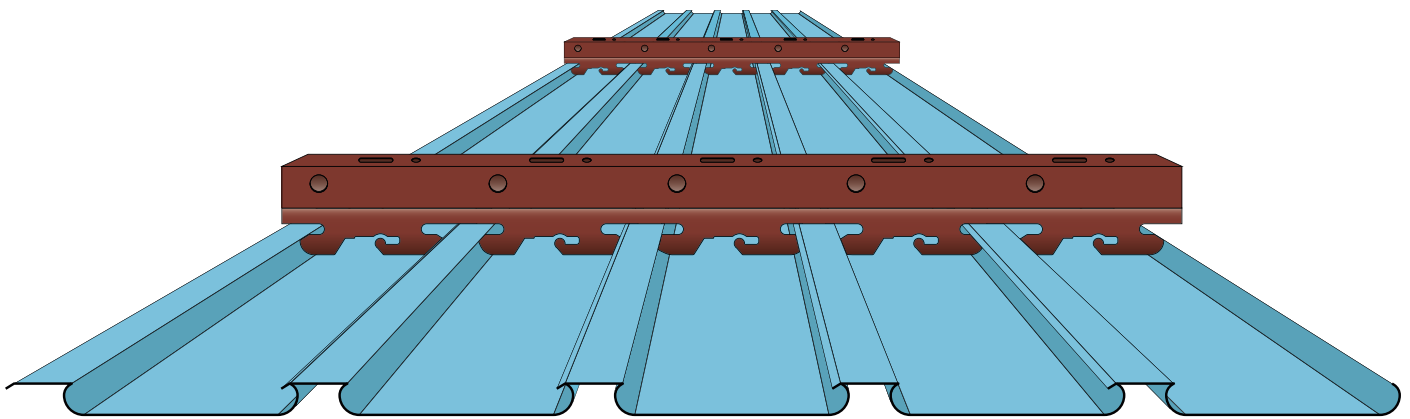
# Type LT/100-R

## Technical specification

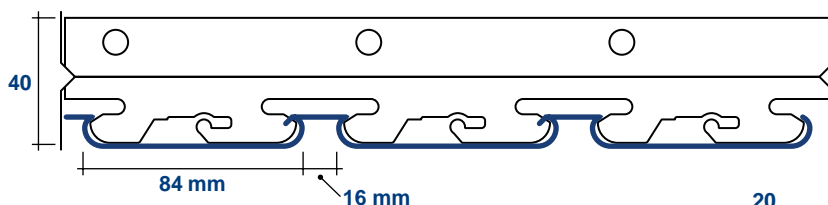


False suspended ceiling **TYPE METALSCREEN LT/100-R** realized with removable reinforced linear panels plain rounded edges width mm.84 height mm.16 pitch mm.100 with mm.16 closed rebated joint gap. Made of pre painted steel and aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 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 covers, powder coated paints, digital photo-imprinting.

The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100Z STRONG** U section with longitudinal hard torsion-proof reinforce made of hot dipped galvanized steel reinforced thickness mm.0,7 perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2-3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. For external application suggested windproof perimetrical wall edge angle **TYPE METALSCREEN C30** C section mm.20x30x20 with lock lips. The linear panels are connected with simple overlap of the strip panel.



### Type LT/100-R mm.84 + mm.16 closed gap



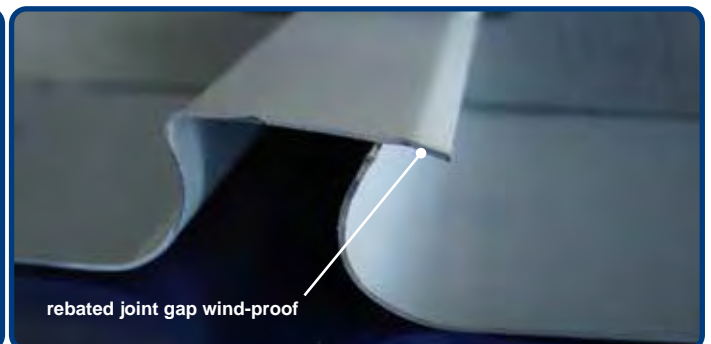
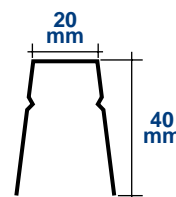
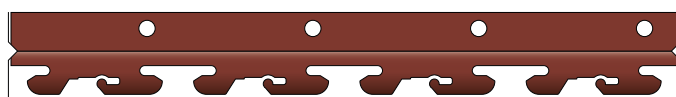
### Type 63/Z STRONG

U supporting carrier hard torsion-proof reinforce made of galvanized steel thickness mm.0,7. **For outdoor installations suggested pre painted aluminium thickness 10/10 color Black coated on both sides**



### Type 63/Z STRONG main supporting carrier

Lenght mm.4000 - Closed gap mm.16





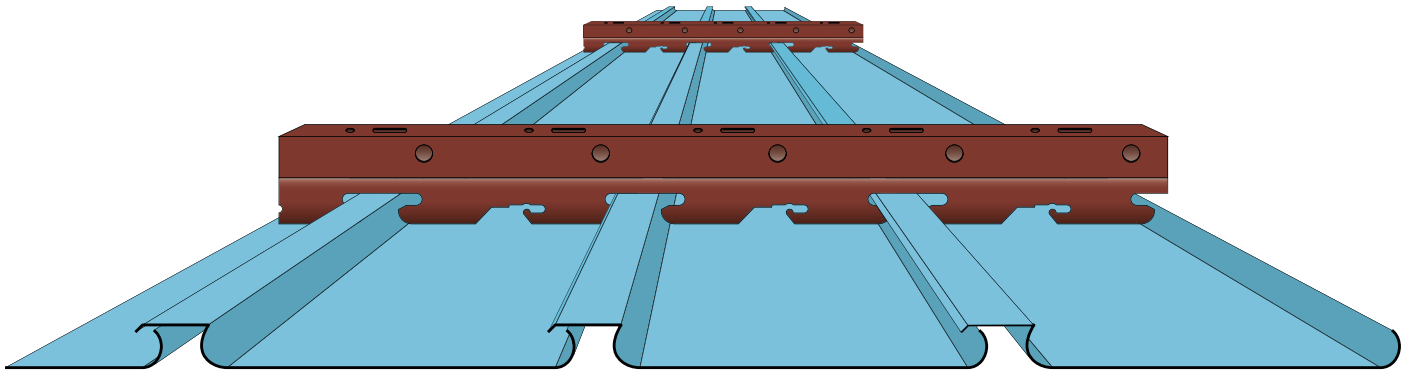
# Type LT/150-R

## Technical specification

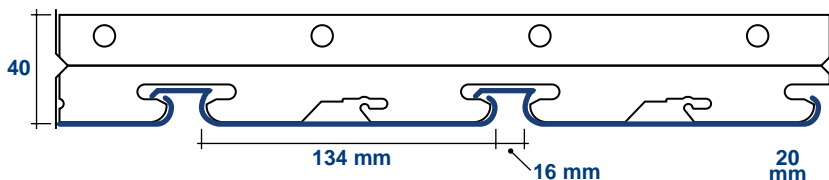


False suspended ceiling **TYPE METALSCREEN LT/150-R** realized with removable reinforced linear panels plain rounded edges width mm.134 height mm.16 pitch mm.150 with mm.16 closed rebated joint gap. Made of pre painted steel and aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 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 covers, powder coated paints, digital photo-imprinting.

The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/150-LTZ STRONG** U section with longitudinal hard torsion-proof reinforce made of hot dipped galvanized steel reinforced thickness mm.0,7 perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.2-3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. For external application suggested windproof perimetrical wall edge angle **TYPE METALSCREEN C30 PUSH DOWN C** section mm.20x30x20 with lock lips. The linear panels are connected with simple overlap of the strip panel.

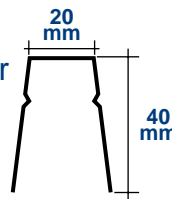
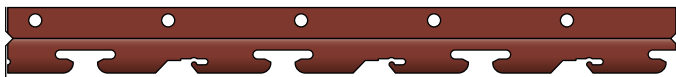


**Type LT/150-R** mm.134 + mm.16 closed gap



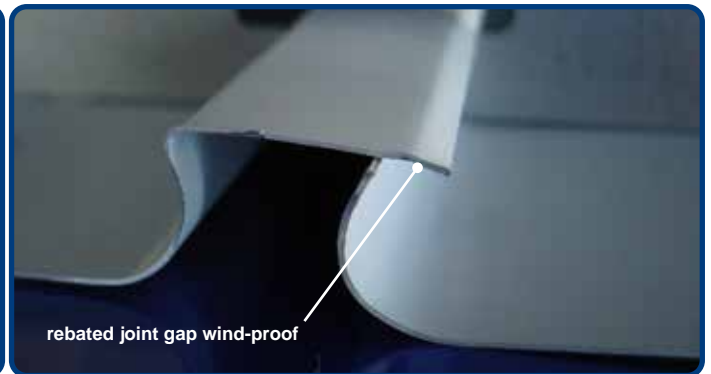
**Type 63/150 LTZ-STRONG** main supporting carrier

Length mm.4000 - Closed gap mm.16



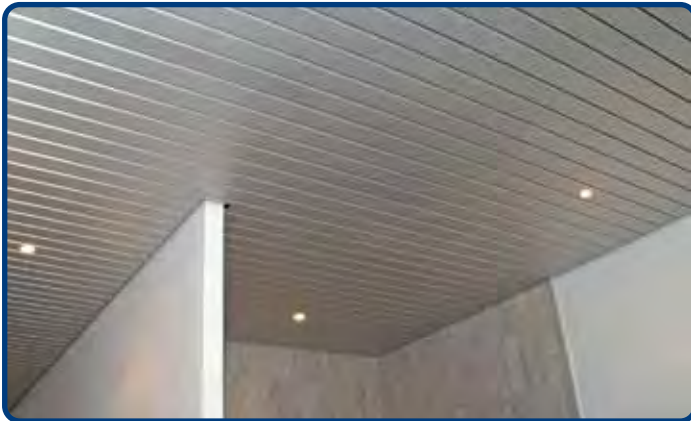
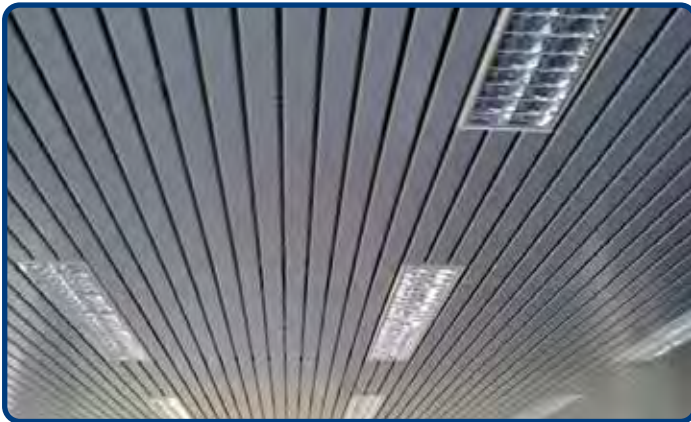
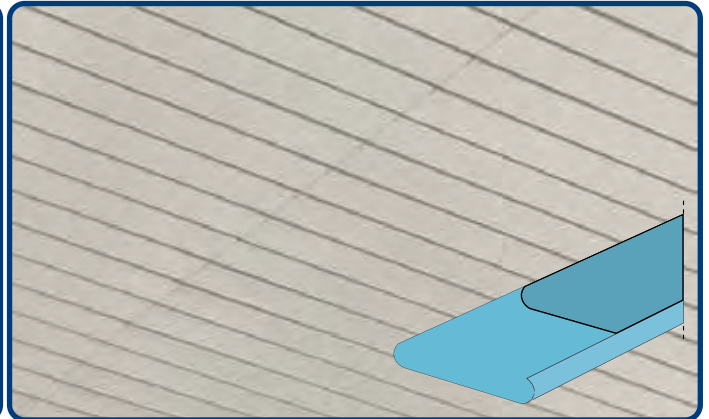
**Type 63/150 LTZ-STRONG**

U supporting carrier hard torsion-proof reinforce made of galvanized steel thickness mm.0,7. **For outdoor installations suggested pre painted aluminium thickness 10/10 color Black coated on both sides**



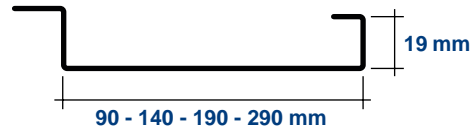
Type 62/100 FLEX  
 Main supporting flexible carrier

Type LC/84R  
 Overlap of the strip panel



## Type LA with joint Aluminium

### Technical specification

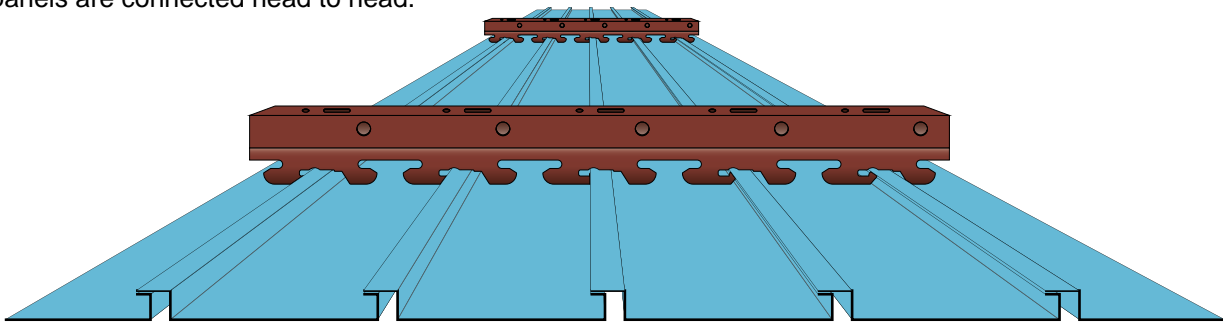


False suspended ceiling **TYPE METALSCREEN LA** realized with removable linear panels plain shaped edges width mm.90-140-190-290 height mm.19 pitch mm.100-150-200-300 with mm.10 closed joint gap. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (pitch, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100Z STRONG** U section with longitudinal hard torsion-proof reinforce or Omega section Type 44-01 made of hot dipped galvanized steel reinforced thickness mm.0,7 perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. For external application suggested windproof perimetrical wall edge angle **TYPE METALSCREEN C30 PUSH DOWN** C section mm.20x30x20 with lock lips. The linear panels are connected head to head.

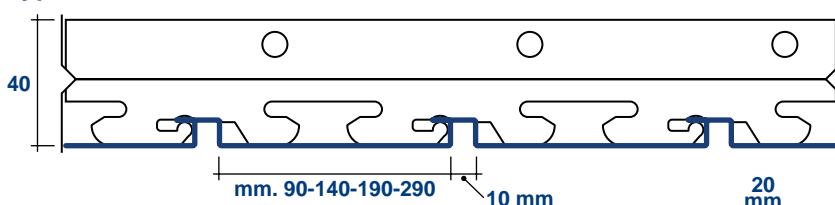
## Type LA with joint Steel

### Technical specification

False suspended ceiling **TYPE METALSCREEN LA** realized with removable linear panels plain shaped edges width mm.90-140-190-290 height mm.19 pitch mm.100-150-200-300 with mm.10 closed joint gap. Made of pre painted steel Coil Coated NOT allowed powder coated paints. Thickness mm.0,5 Incombustible Euroclass A1 (pitch, color follow the choice of the Consultant). The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100Z STRONG** U section with longitudinal hard torsion-proof reinforce or Omega section **TYPE METALSCREEN 44-01** made of hot dipped galvanized steel reinforced thickness mm.0,7 perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted steel same color and finish of the panels are fixed on the walls at the same level. For external application suggested windproof perimetrical wall edge angle **TYPE METALSCREEN C30 PUSH DOWN** C section mm.20x30x20 with lock lips. The linear panels are connected head to head.



**Type LA** fully removal pitch mm.100-150-200-300 closed with joint gap mm.10

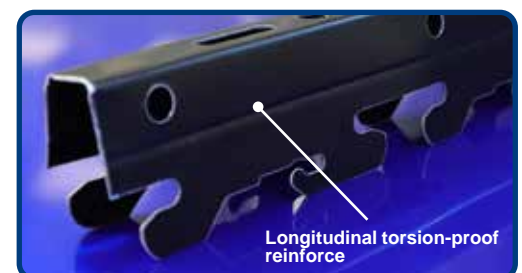


**Type 63/Z STRONG** main supporting carrier lenght mm.4000



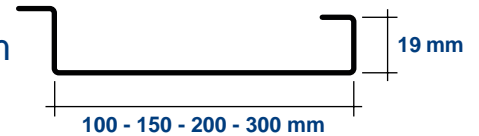
**Type 63/Z STRONG**

U supporting carrier hard torsion-proof reinforce made of galvanized steel thickness mm.0,7. **For outdoor installations suggested pre painted aluminium thickness 10/10 color Black coated on both sides**



## Type LA-RIV without joint Aluminium

### Technical specification

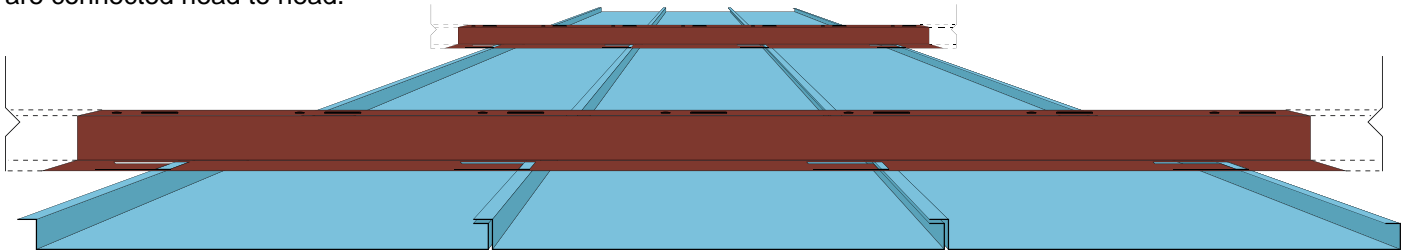


False suspended wind proof ceiling **TYPE METALSCREEN LA-RIV** realized with linear panels plain shaped edges width mm.100-150-200-300 height mm.19 pitch mm.100-150-200-300 closed without joint gap. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (pitch, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital false photo-imprinting. The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100Z STRONG** U section with longitudinal hard torsion-proof reinforce or Omega section **TYPE METALSCREEN 44-01** made of hot dipped galvanized steel thickness mm.0,7 perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. For external application suggested windproof perimetrical wall edge angle **TYPE METALSCREEN C30 PUSH DOWN** C section mm.20x30x20 with lock lips. The linear panels are connected head to head.

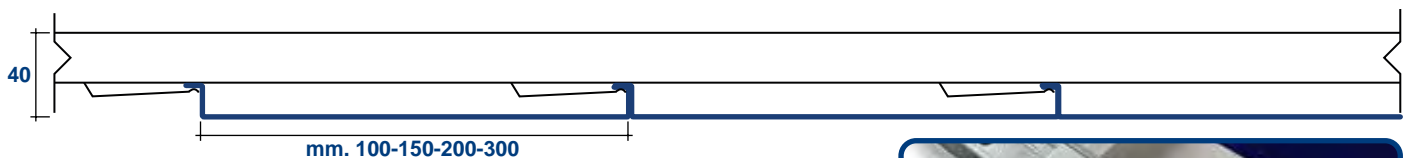
## Type LA-RIV without joint Steel

### Technical specification

False suspended wind proof ceiling **TYPE METALSCREEN LA-RIV** realized with linear panels plain shaped edges width mm.100-150-200-300 height mm.19 pitch mm.100-150-200-300 closed without joint gap. Made of pre painted steel Coil Coating alloy 3105-h44-48 thickness mm.0,5 Incombustible Euroclass A1 (pitch, color, follow the choice of the Consultant). The panels are suspended with a simple clip-on the main supporting carrier **TYPE METALSCREEN 63/100Z STRONG** U section with longitudinal hard torsion-proof reinforce or Omega section **TYPE METALSCREEN 44-01** made of hot dipped galvanized steel thickness mm.0,7 perpendicular suspended at maximum mm.1000. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The panels system has perimetrical edge angle profile **TYPE METALSCREEN RA L** section mm.24x24 pre painted aluminium same color and finish of the panels are fixed on the walls at the same level. For external application suggested windproof perimetrical wall edge angle **TYPE METALSCREEN C30 PUSH DOWN** C section mm.20x30x20 with lock lips. The linear panels are connected head to head.

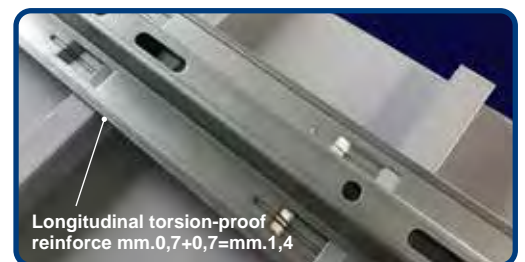
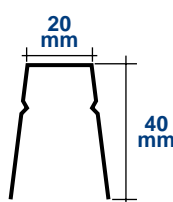


## Type 44-01 Omega main supporting carrier Type LA-RIV closed without joint windproof pitch mm.100-150-200-300



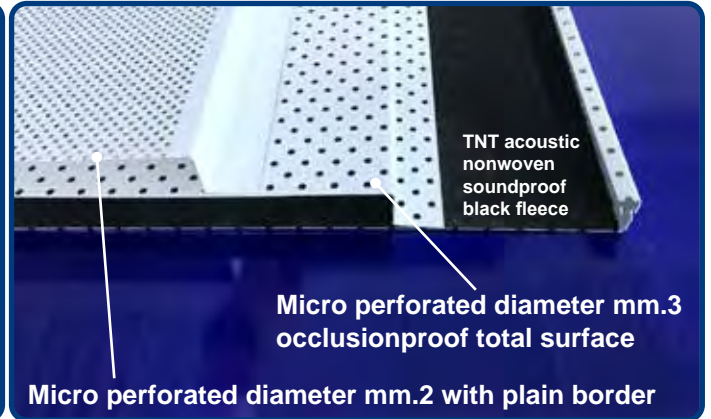
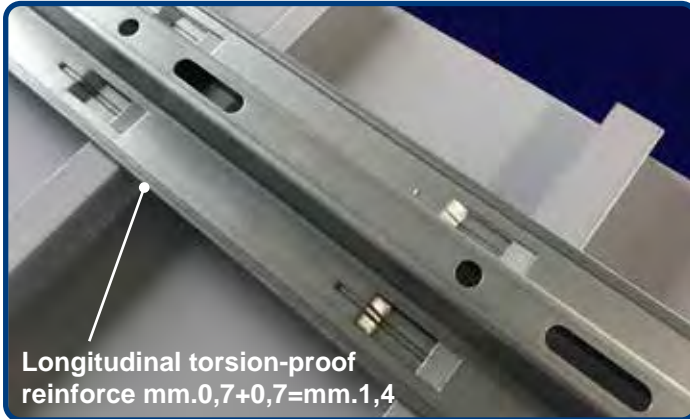
## Type 63/Z STRONG

Main supporting carrier lenght mm.4000



**Type 44-01 Omega**  
Heavy reinforced thickness mm.0,7

**SOUNDPROOFING**  
Stripes micro perforated  $\varnothing$  mm.2-3



# Type LD-R self supporting Aluminium

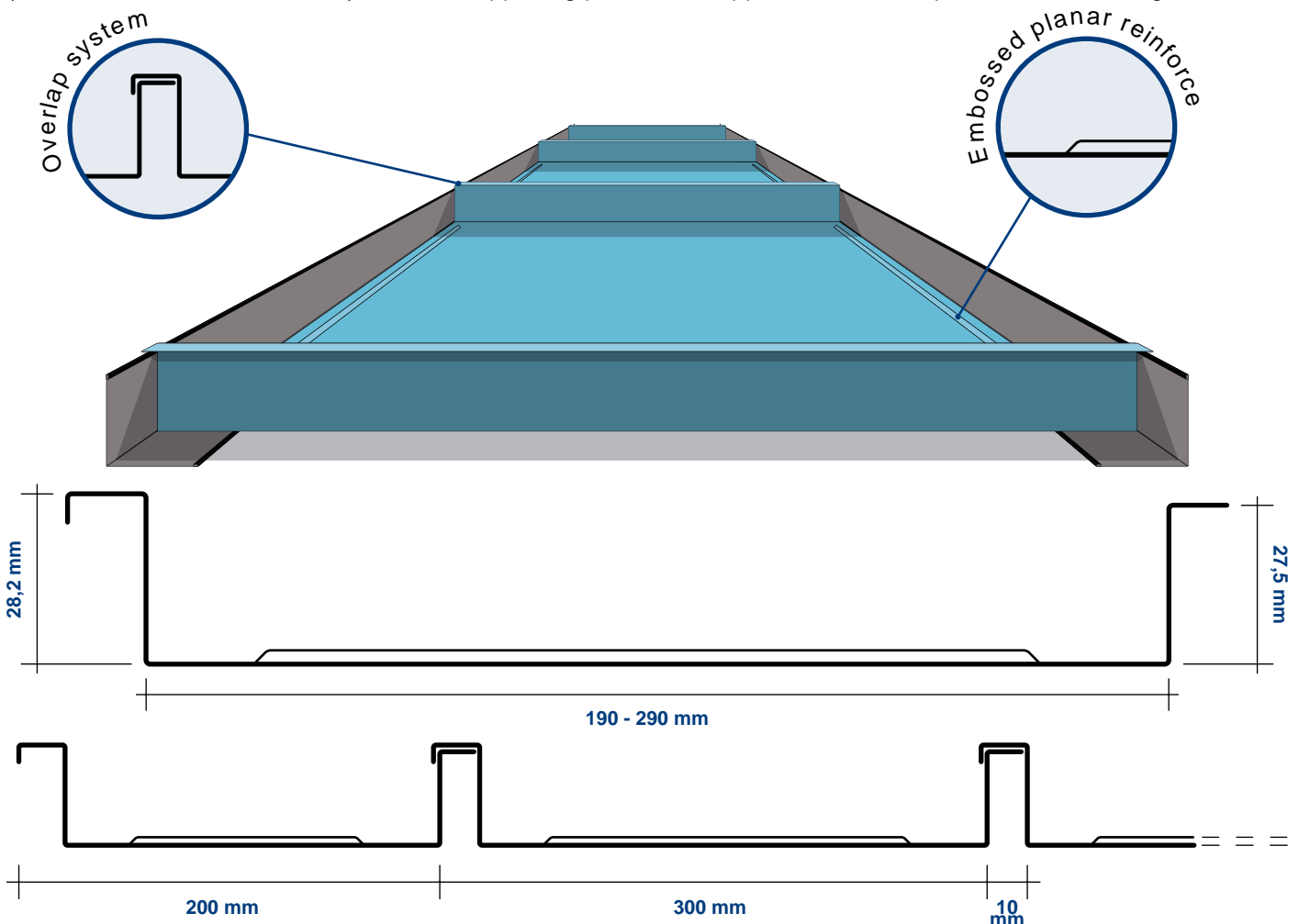
## Technical specification

False suspended ceiling for corridor **TYPE METALSCREEN LD-R** realized fully removable self-supporting linear panels plain shaped edges width mm.190-290 height mm.28 pitch mm.200-300 with mm.10 closed joint gap and embossed planar reinforce at end. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (pitch, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended lay-on perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted aluminium same color and finish of the panels fixed on the walls at the same level. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The self-supporting panels are supplied cutted at required customize lengths.

# Type LD-R self supporting Steel

## Technical specification

False suspended ceiling for corridors **TYPE METALSCREEN LD-R** realized fully removable self-supporting linear panels plain shaped edges width mm.190-290 height mm.28 pitch mm.200-300 with mm.10 closed joint gap and embossed planar reinforce at end. Made of pre painted steel Coil Coating, not allowed powder coatings, thickness mm.0,5 Incombustible Euroclass A1 (color, pitch follow the choice of the Consultant). The panels are suspended lay-on perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted steel same color and finish of the panels fixed on the walls at the same level. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The self-supporting panels are supplied cutted at required customize lengths.



# Type LD-RAC self supporting Aluminium

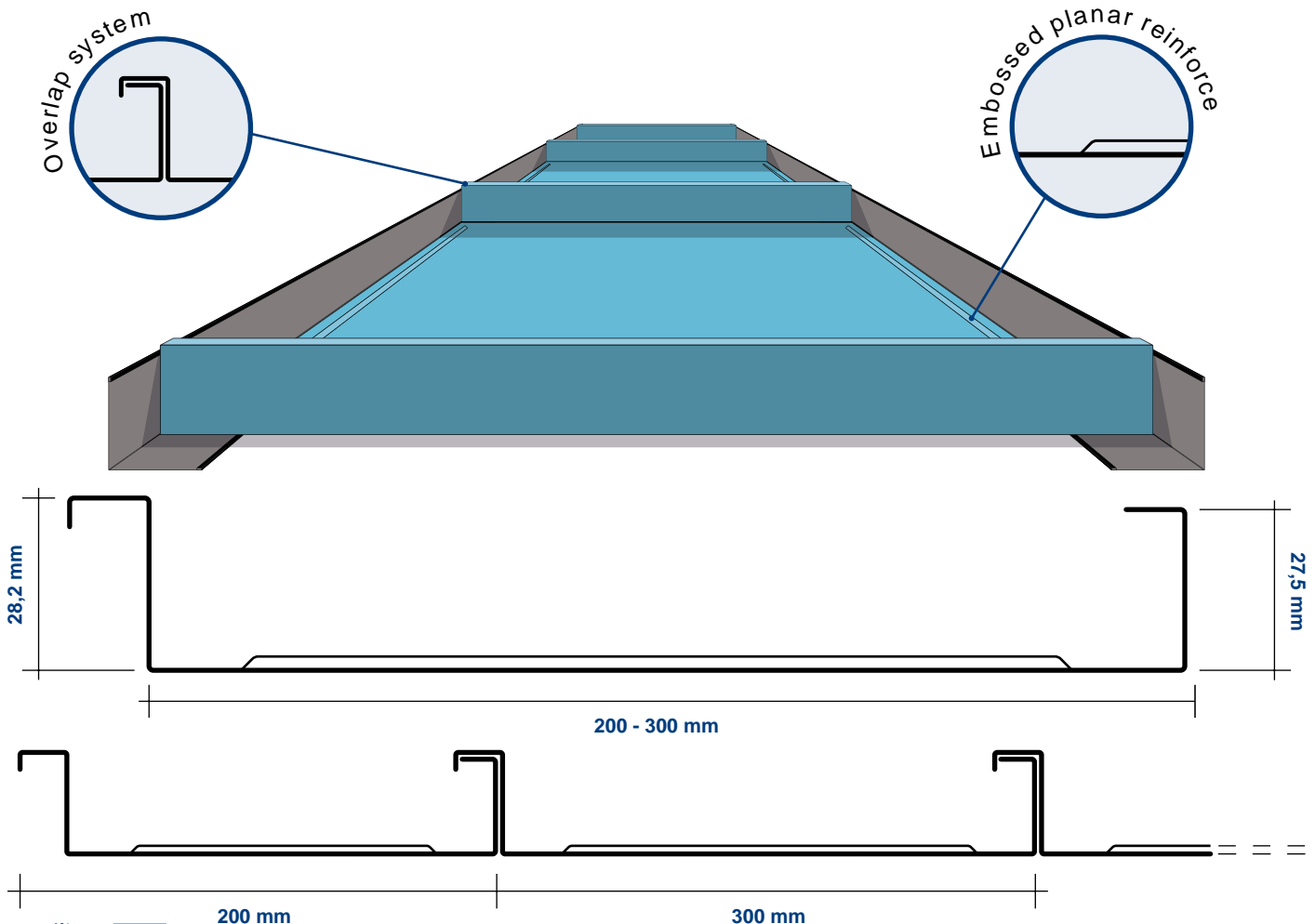
## Technical specification

False suspended ceiling for corridors **TYPE METALSCREEN LD-RAC** realized fully removable self-supporting linear panels plain shaped edges width mm.200-300 height mm.28 pitch mm.200-300 closed without joint gap and embossed planar reinforce at end. Made of pre painted aluminium Coil Coating alloy 3105-h44-48 thickness mm.0,6 Incombustible Euroclass A1 color and finishes from **RAL** colors chart, **WOOD LIKE** same wood, **OXIDAL** same brushed anodized, **ULTRA MATT** high matt surface (pitch, color and finishes follow the choice of the Consultant). NOT allowed sublimation process, pvc covers, powder coated paints, digital photo-imprinting. The panels are suspended lay-on perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted aluminium same color and finish of the panels fixed on the walls at the same level. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The self-supporting panels are supplied cutted at required customize lengths.

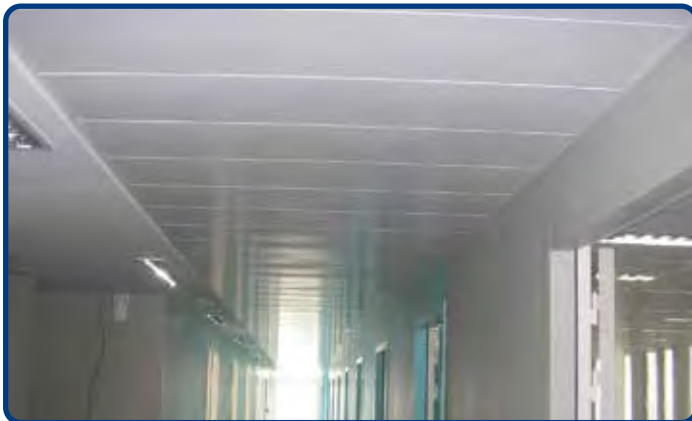
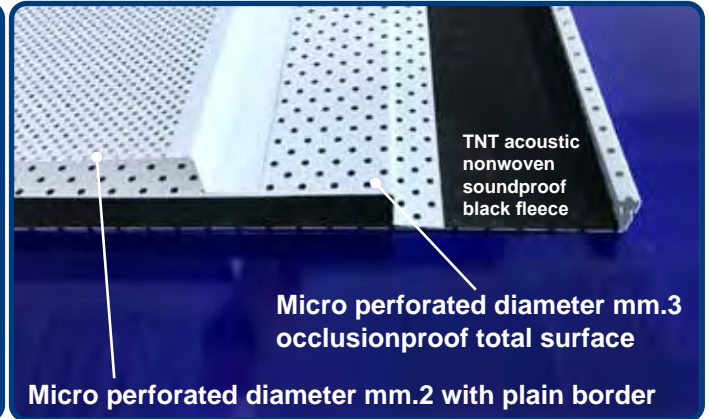
# Type LD-RAC self supporting Steel

## Technical specification

False suspended ceiling for corridors **TYPE METALSCREEN LD-RAC** realized fully removable self-supporting linear panels plain shaped edges width mm.200-300 height mm.28 pitch mm.200-300 without closed joint gap and embossed planar reinforce at end. Made of pre painted steel Coil Coating, not allowed powder coatings, thickness mm.0,5 Incombustible Euroclass A1 (color, pitch follow the choice of the Consultant). The panels are suspended lay-on perimetrical edge angle profile **TYPE METALSCREEN RA** L section mm.24x24 pre painted steel same color and finish of the panels fixed on the walls at the same level. To obtain more soundproof acoustical benefit the panels will be supplied micro perforated diagonal circle holes diameter mm.3 with **TNT** acoustic nonwoven soundproof black fleece (follow choice of the Consultant). The self-supporting panels are supplied cutted at required customized lengths.



**SELF SUPPORTING LINEAR PANELS WITH OR WITHOUT JOINT**  
Lay-on perimetrical wall angles for corridors, services, restrooms





# 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 movables 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

## APPLICATION AREAS FOR FALSE CEILINGS AND INTERIOR/EXTERIOR CLADDINGS

RETAIL - BANKS - OFFICES - LOUNGES - CORRIDORS - AUDITORIUMS - CONFERENCE ROOMS - SHOWROOMS - CAR SHOWROOMS - SHOPPING CENTRES - CLASSROOMS - HOTELS - SPAS - CAR PARKS - AIRPORTS - SUBWAYS - RAILWAY 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 - PERGOLAS - 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	
<b>FLEXURAL STRENGTH</b>	Max. span mm.1200 Classe 1
<b>PAINT DURABILITY</b>	<b>Class C</b>
<b>GALVANIZED DURABILITY</b>	<b>Class B</b>
<b>EMISSION OF HAZARDOUS SUBSTANCES</b>	<b>none</b>
<b>FIRE RESISTANCE</b>	Perforated stripes with acoustic TNT Class A2s1d0
	Gratings, smooth, perforated planks, perforated panels with TNT Class A1
<b>CORROSION RESISTANCE</b>	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 85% 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



**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.

