



# DECO<sup>®</sup> METAL CEILINGS

Pro-CLIP<sup>®</sup> mounting system

# DECO METAL CEILINGS

## Pro-CLIP mounting system

DECO Metal Ceilings, based on the SCREEN DECO® welded grids, ensure unique useful qualities and novel visual effects for the modern architecture. They make a fresh alternative to the conventional internal solutions in the area of suspended ceilings. They combine advanced production technologies with a unique potential in the field of design. Made of stainless steel or black steel with a Pro-ZINAL® coating, they provide exceptional durability and aesthetic qualities. An innovative mounting system Pro-CLIP ensures quick mounting of panels to standard bearing structures.



### Open area control

Decide on the degree of masking that you want to apply to specific systems through the use of an openwork structure of DECO grids.



### Flexible pricing solutions

Choose the exclusive stainless steel solutions or the economic solutions using the Pro-ZINAL® coating.



### Homogeneous surface

Determine a direction of the grid profiles and alter the dynamics of space using panels without visible seams.



### Quick mounting and dismantling

Save time with specially designed fasteners being part of the Pro-CLIP system.



### Three-dimensionality effect

Create novel visual and spatial effects while designing in any plane.



### Resistance to damage

Enjoy exceptional durability with the special shape of the profiles and an advanced welding technology.



### Eco-friendly product

Move from costly maintenance to the product made of nothing else but natural materials.



### Consistency of design

Design comprehensively by using our systems of facades, railings, fences, covers for heating ducts, and others.



### Acoustics

Provide acoustic comfort in public areas by selecting the acoustic insert of the appropriate class.

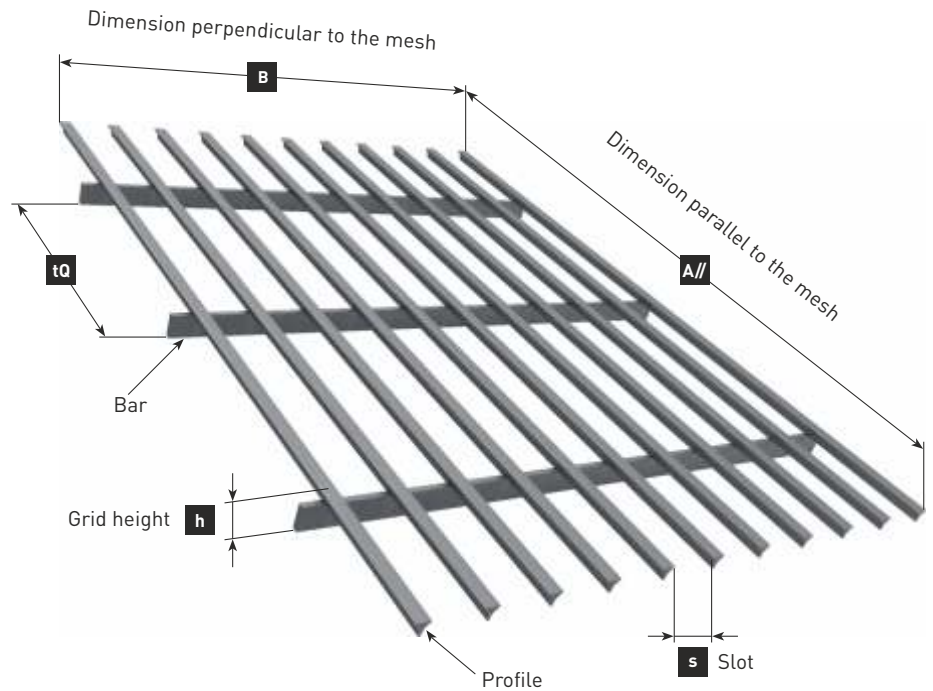
# DECO ceiling panels

A modern design of the SCREEN DECO® welded grids creates a novel visual effect, thus constituting an added value to the design. In order to obtain a desired visual effect, it is possible to arrange the slots along the longer or the shorter side. The functional structure of the panels provides outstanding durability. The advanced electrofusion welding technology, by which the profiles are joined together with the support rods, ensures that a precise slot and the highest parameters in terms of flatness and straightness are obtained.

## Dimensions of DECO panels

Standard A//B sizes	Supplementary A//B sizes
1200//x1200 mm	1200//x900 mm
1200//x600 mm	900//x1200 mm
600//x1200 mm	900//x900 mm
600//x600 mm	900//x600 mm
	600//x900 mm

Standard sizes minimise the amount of waste for perimeter panels.



## Material and finish


Material	DECO panel design	Open area	Finish
Pro-ZINAL®	REFLEX Z04066	75,0%	Powder coating* <small>[available colour options are colours included in the standard range of RAL]</small>
	RADIUS Z10080	62,4%	
	RADIUS Z10105	68,6%	
	RADIUS Z10155	76,5%	
AISI 304	RADIUS Z07065	65,0%	Pickling and passivation
	RADIUS Z07115	76,6%	
	RADIUS Z07165	82,5%	

\*Standard surface finish: semi-matte

### Pro-ZINAL®

The Pro-ZINAL® coating (zinc and aluminium alloy) that has been patented by us is characterised by the highest degree of protection that it provides for the material, in comparison to the conventional galvanised coating.

Colour options



\* Other RAL colours available on request

## Application

Due to the high-quality materials used in their fabrication, and thanks to their cleanability, DECO Metal Ceilings are perfectly suited for rooms with heavy traffic and increased humidity. With the use of appropriate inserts, the product complies with the requirements relating to acoustic insulation and sound absorption. DECO Metal Ceilings are ideally suited to the architecture of public and commercial interiors, such as:

- shopping centres
- sports facilities
- museums, galleries, exhibition halls
- airports and stations
- headquarters of companies and private properties



Stadium Wrocław / Wrocław



Palmiry Museum Place of Memory / Warsaw



Nowy Rynek Shopping Centre / Jelenia Góra



# REFLEX Z04066

SCREEN DECO® welded grid made of Gz2.2-type profile wire



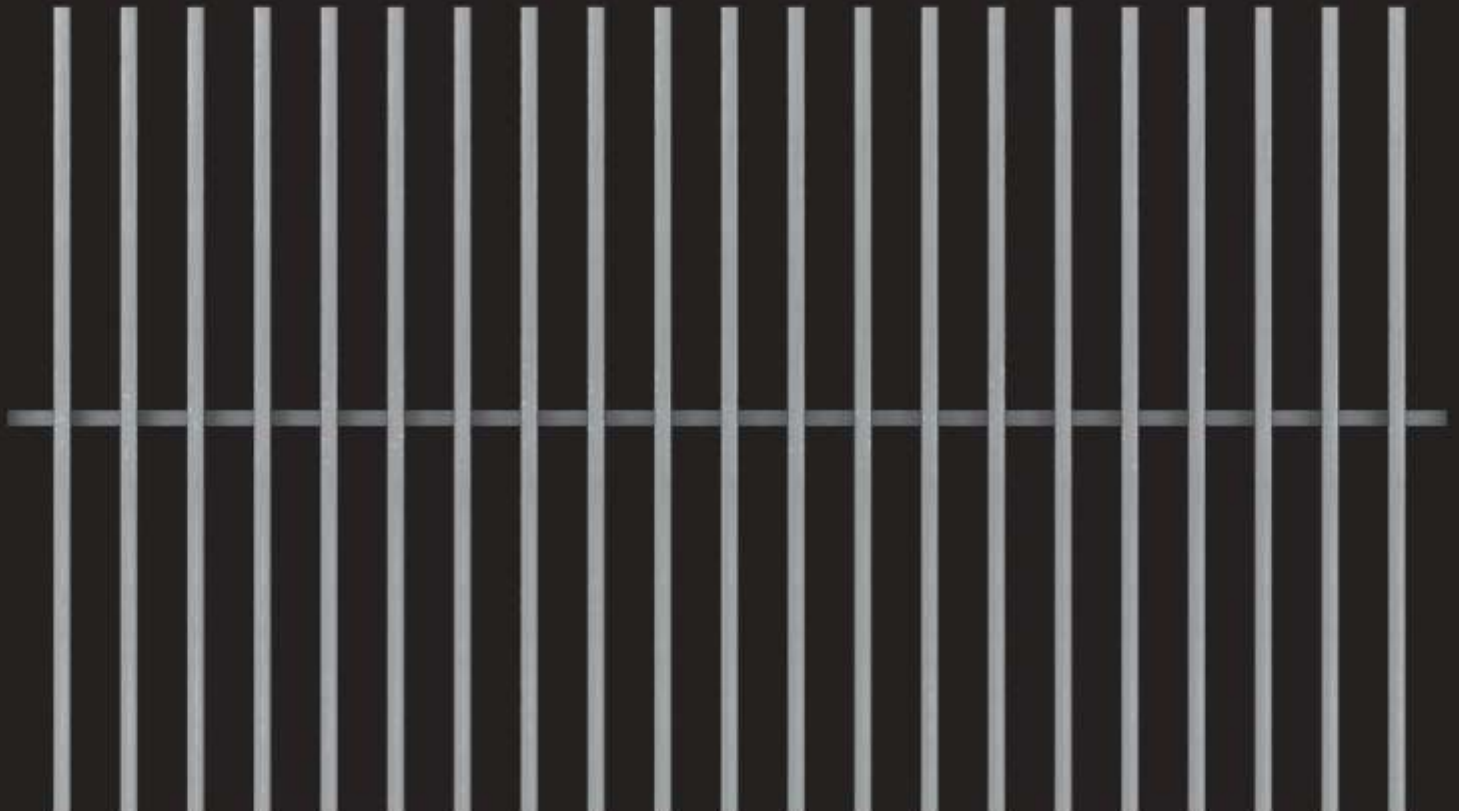
size of the room: lenght 10 m / width 5 m / height 3.5 m

Open area: 75 %

Slot (s): 6,6 mm

Weight: 7,6 kg/m<sup>2</sup>

Material: Pro-ZINAL®



scale 1:1



# RADIUS Z10080

SCREEN DECO® welded grid made of Sa45-type profile wire



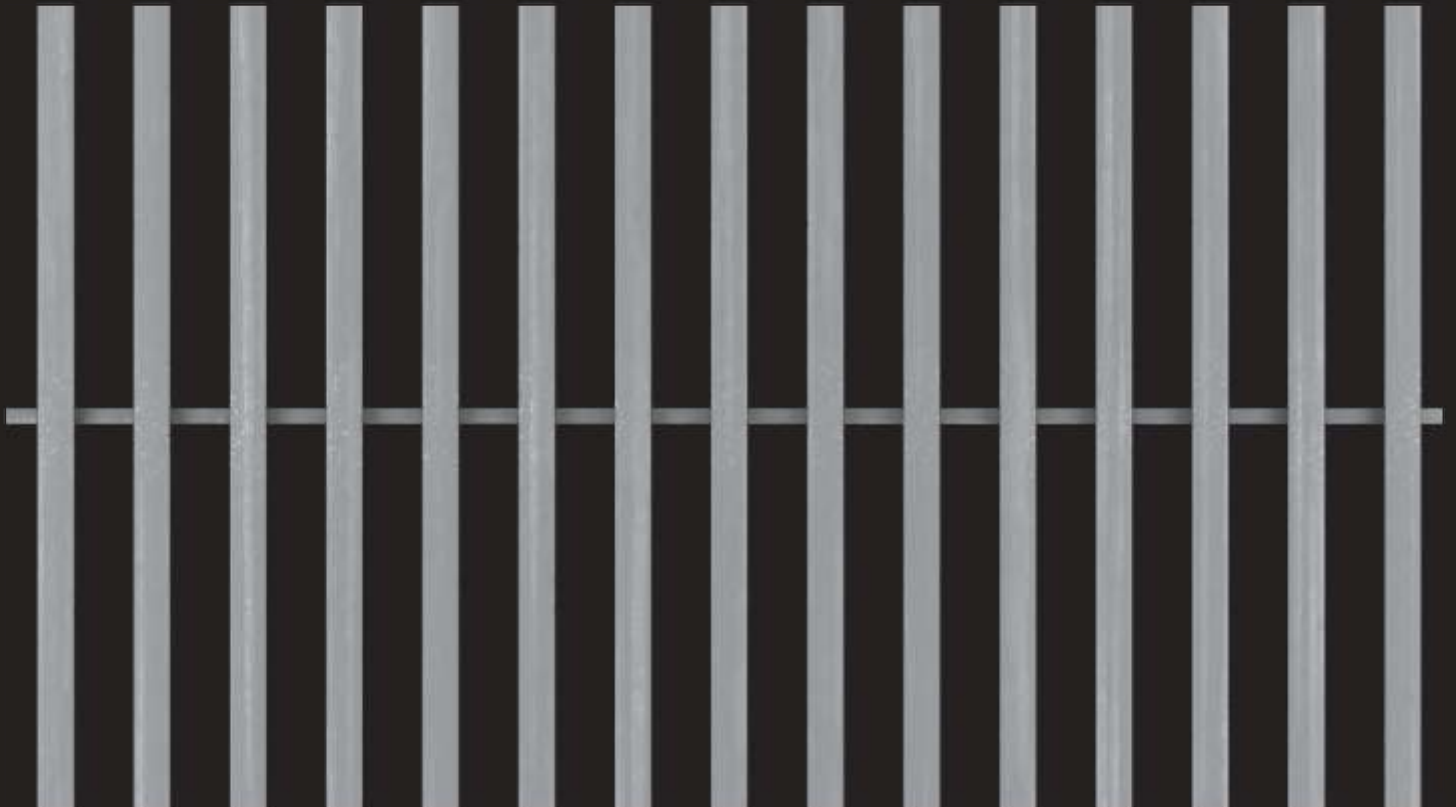
size of the room: length 10 m / width 5 m / height 3.5 m

Open area: 62,4 %

Slot (s): 8 mm

Weight: 7,6 kg/m<sup>2</sup>

Material: Pro-ZINAL®



scale 1:1



# RADIUS Z10105

SCREEN DECO® welded grid made of Sa45-type profile wire



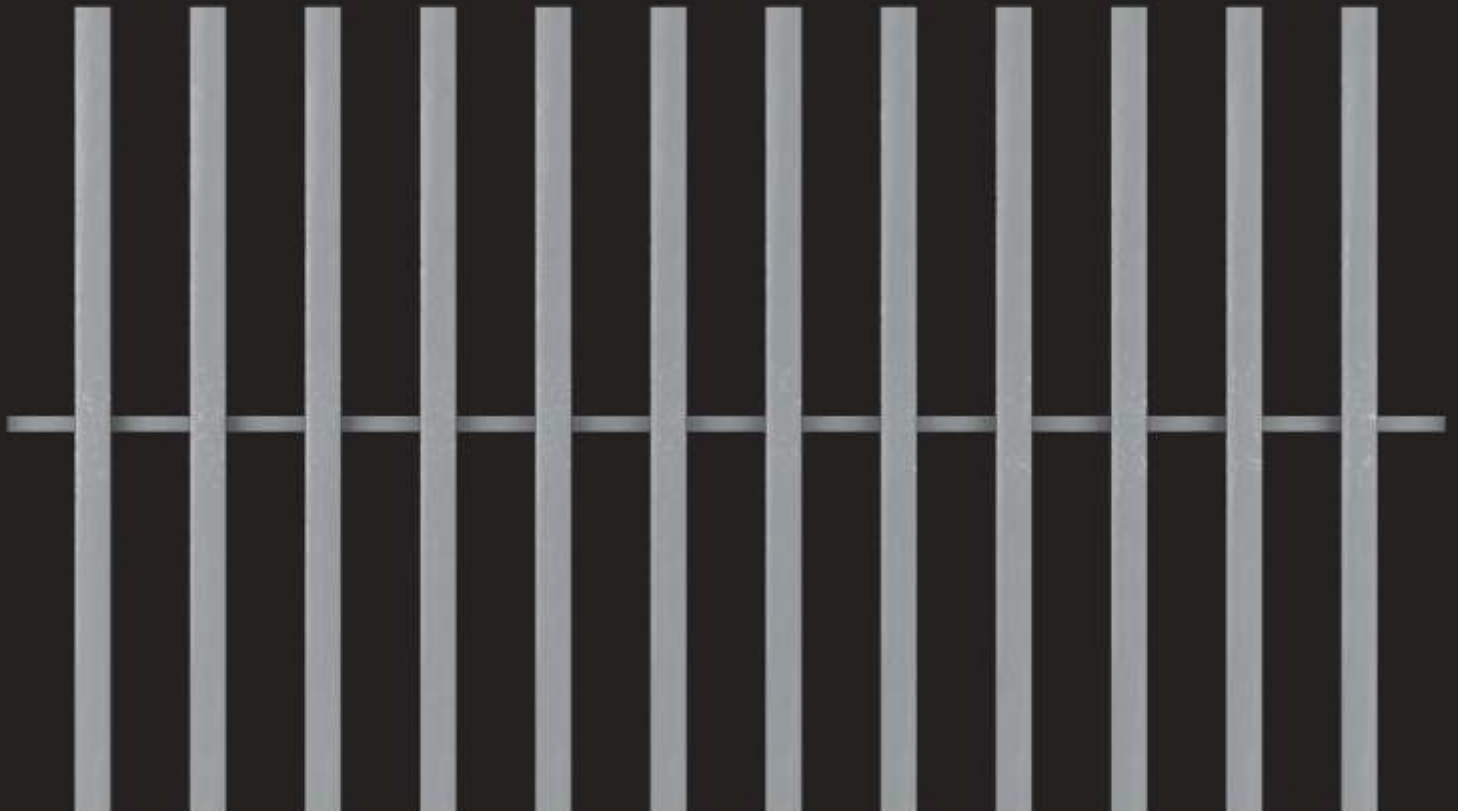
size of the room: length 10 m / width 5 m / height 3.5 m

Open area: 68,6 %

Slot (s): 10,5 mm

Weight: 6,6 kg/m<sup>2</sup>

Material: Pro-ZINAL®



scale 1:1



# RADIUS Z10155

SCREEN DECO® welded grid made of Sa45-type profile wire



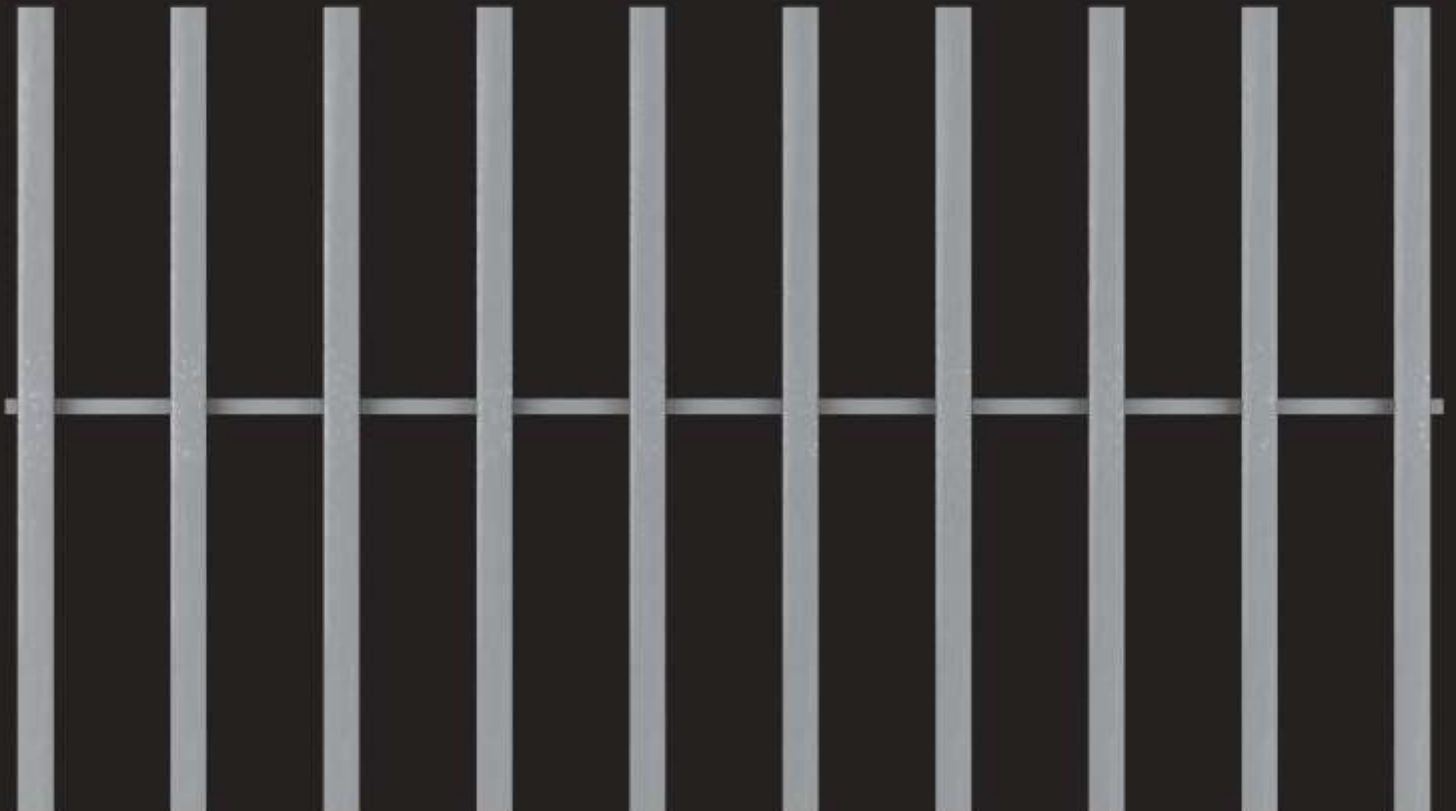
size of the room: lenght 10 m / width 5 m / height 3.5 m

Open area: 76,5 %

Slot (s): 15,5 mm

Weight: 5,3 kg/m<sup>2</sup>

Material: Pro-ZINAL®



scale 1:1



# RADIUS Z07065

SCREEN DECO® welded grid made of Sa35-type profile wire



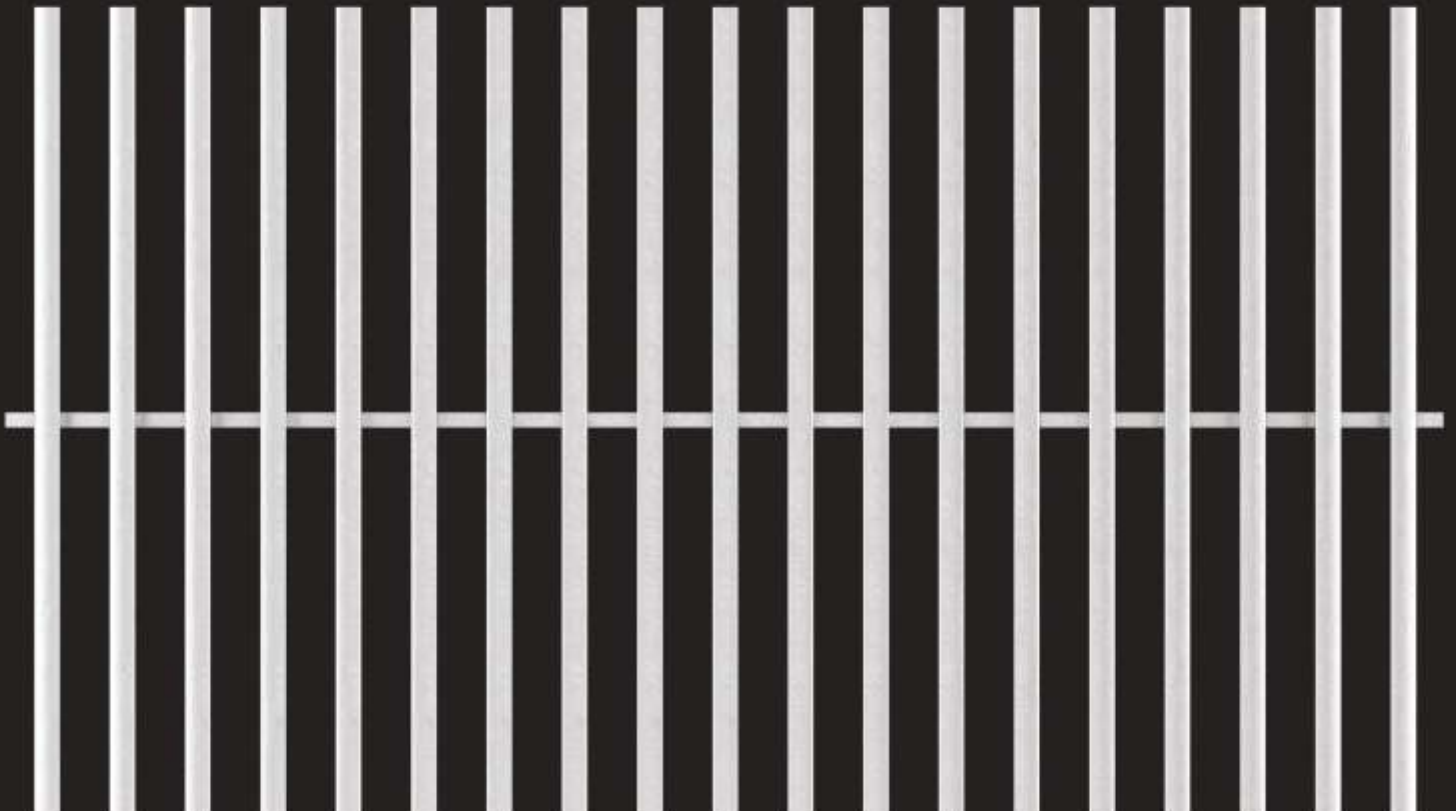
size of the room: lenght 10 m / width 5 m / height 3.5 m

Open area: 65 %

Slot (s): 6,5 mm

Weight: 7,3 kg/m<sup>2</sup>

Material: AISI 304



scale 1:1



# RADIUS Z07115

SCREEN DECO® welded grid made of Sa35-type profile wire



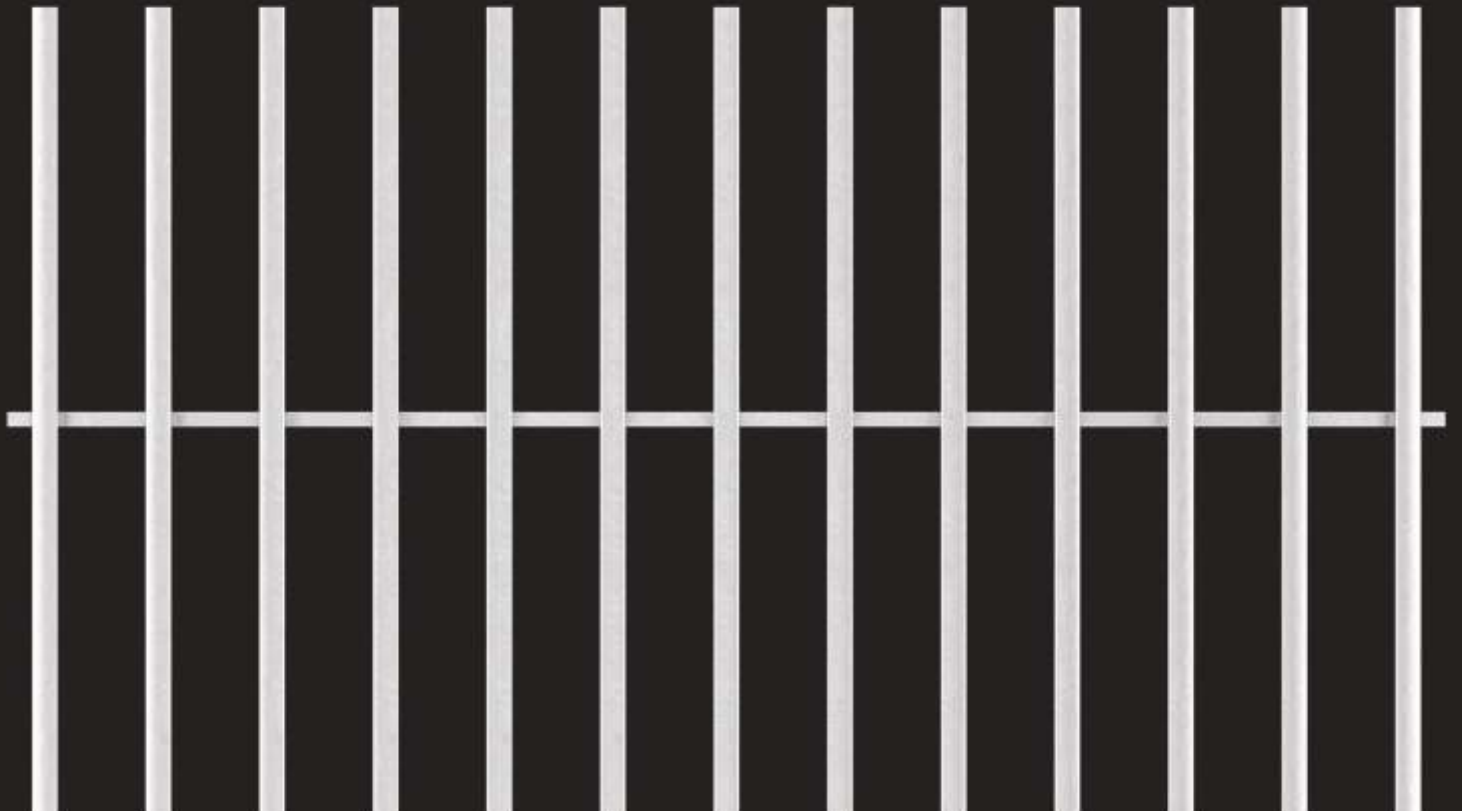
size of the room: lenght 10 m / width 5 m / height 3.5 m

Open area: **76,6 %**

Slot (s): **11,5 mm**

Weight: **5,4 kg/m<sup>2</sup>**

Material: **AISI 304**



scale 1:1



# RADIUS Z07165

SCREEN DECO® welded grid made of Sa35-type profile wire



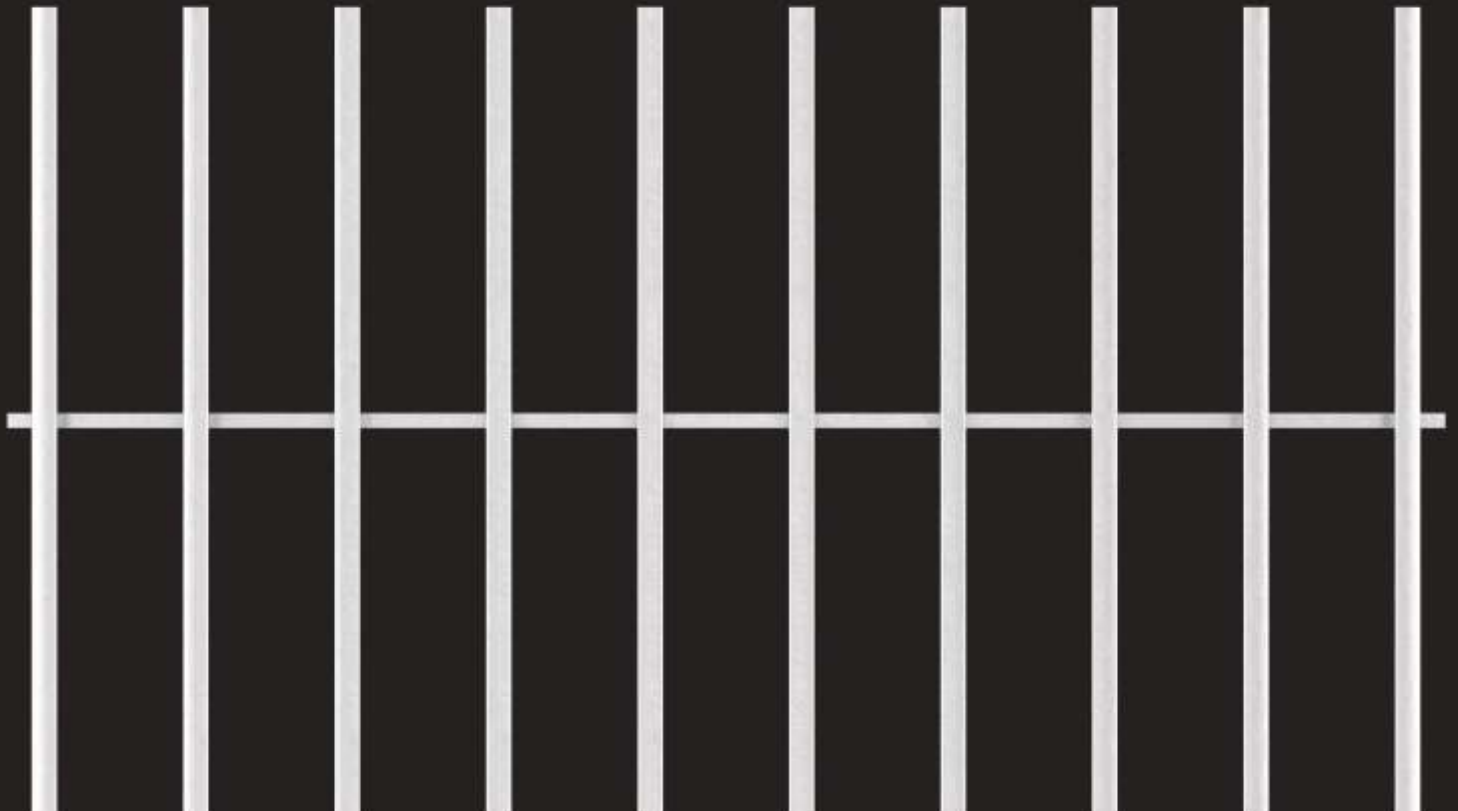
size of the room: lenght 10 m / width 5 m / height 3.5 m

Open area: 82,5 %

Slot (s): 16,5 mm

Weight: 4,5 kg/m<sup>2</sup>

Material: AISI 304



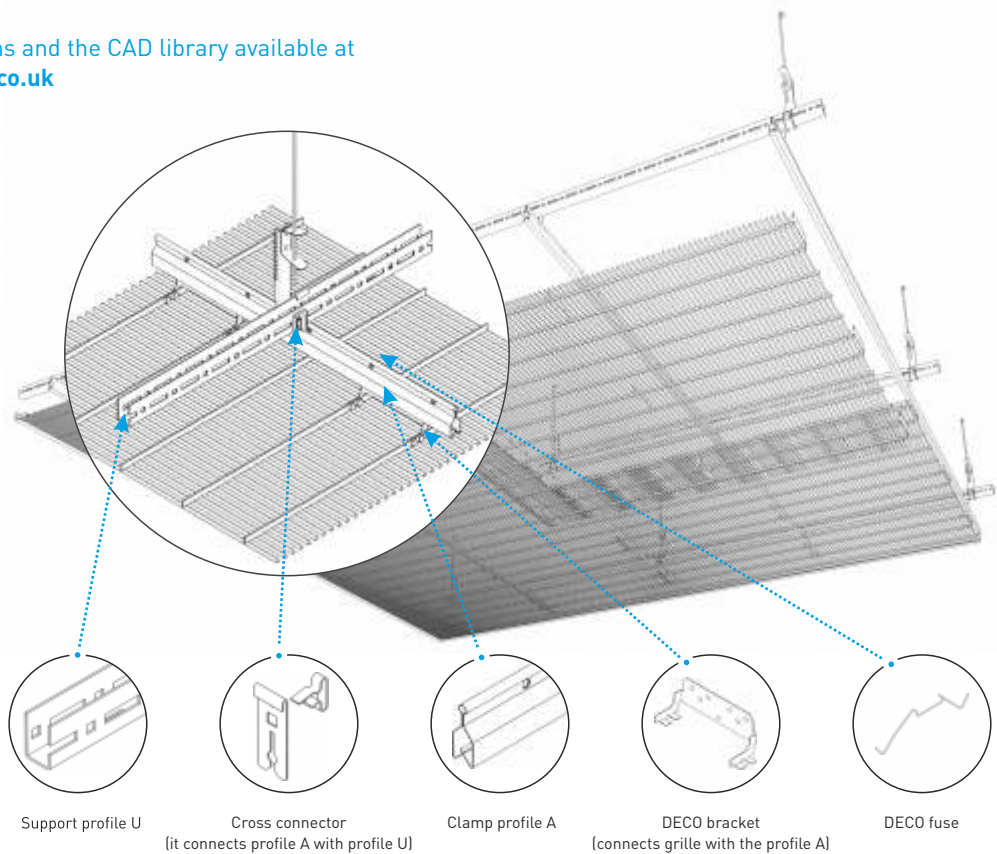
scale 1:1

## Pro-CLIP mounting system

An innovative Pro-CLIP mounting system allows for mounting the panels to standard bearing structures with the use of specially designed DECO brackets (cross installation and parallel installation).

Components integrating the panels with the grille ensure **quick and easy mounting and dismantling of DECO ceiling panels.**

Mounting instructions and the CAD library available at [www.progressarch.co.uk](http://www.progressarch.co.uk)



## Lighting and systems



The system of DECO Metal Ceilings allows for the installation of light fixtures to the main upper floor slab. We provide the services of sizing, cutting, and shaping of DECO ceiling panels in accordance with the individual design requirements. Openings should be cut in accordance with the rules set forth in the mounting instructions.

## Acoustics

Sound absorbing DECO<sup>®</sup> acoustic ceilings are a perfect solution providing the desired acoustics and comfort in offices or public facilities. Acoustic DECO<sup>®</sup> ceilings have an absorption class A ÷ E (due to the use of plates of various thicknesses made of mineral wool covered with a glass fiber non-woven lining, that have a maximum degree of sound absorption  $\alpha_w = 0.95$ ) The  $\alpha_w$  sound absorption level defines the ratio of the reflected and absorbed sound energy. The value 0 corresponds to a full sound reflection - the value 1 means full absorption. According to the international ISO 11654 standard sound absorption is described by the five classes of absorption, marked with letters from A to E. The list of sound absorption classes with the corresponding values of  $\alpha_w$  sound indicators is a general indicator of the acoustic absorption characteristics of the material.

$\alpha_w$	Absorption classes
0.90 - 1.00	A
0.80 - 0.85	B
0.60 - 0.75	C
0.30 - 0.55	D
0.15 - 0.25	E
0.00 - 0.10	Not classified

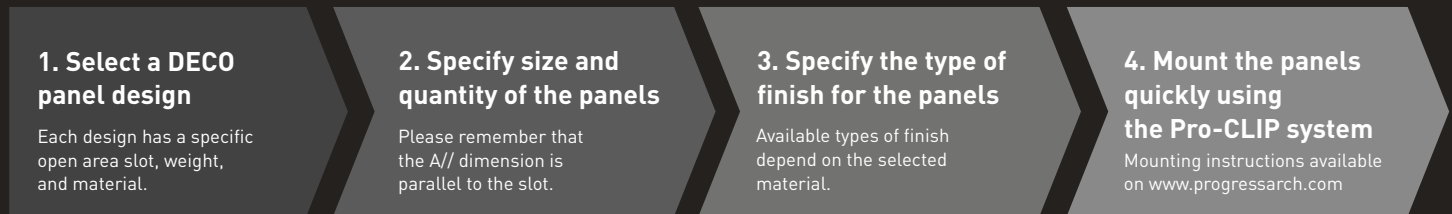
# Standards and certificates

- Production in accordance with the Quality Management System: ISO 9001:2008, certified by Lloyd's Register Quality Assurance (LRQA) since 1996.
- DECO Metal Ceilings have an EC Certificate of Conformity in accordance with standard PN-EN 13964:2005, in terms of reaction to fire.
- Steel ceiling panels are classified as non-flammable and fire-retardant. They belong to Class A1 of reaction to fire (for unpainted ceilings only).



## How can I order my DECO ceiling panels?

We provide professional technical and design support at each stage of order fulfilment.



## individual architectural projects



Kielce Trade Fairs – the conference room / Kielce / Woven wire mesh



Museum of the History of Polish Jews / Warsaw / Woven wire mesh



Museum of Municipal Engineering / Krakow / Welded grid

We have many years of experience in comprehensive investment services. We provide professional technical consulting starting from initial design phases. We put special emphasis on on-time deliveries and budgetary discipline. Our projects enrich the portfolios of the largest Polish and European workrooms. Apart from the SCREEN DECO® line, we also offer solutions based on the metal woven wire meshes belonging to the ASTRO-WAVE® line.

Apart from the system of DECO Metal Ceilings, we offer solutions in, among others, the fields of façades, sun protection, partition walls, curtains, railings, fences, covers for heating ducts, drainage, and scraper mats..

Please visit us at:

