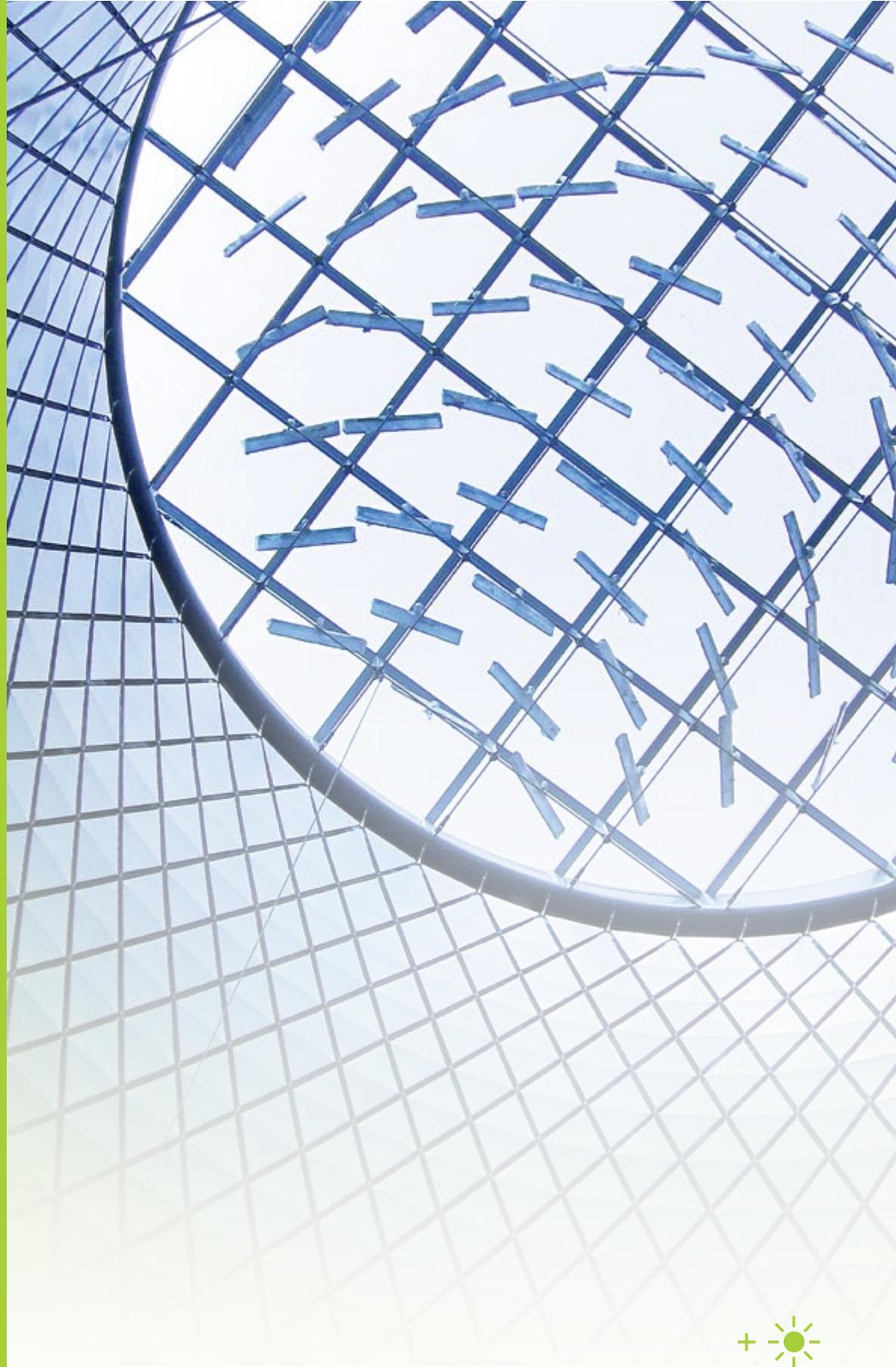




CEILING  
LIGHTING  
AMBIENCE

DECKE LICHT RAUM



METAL CEILING

# PREFACE

Modern architecture considers function as well as design. It focuses on the emotional requirements of the user and stimulates the interaction between the people and their environment.

As a developer and manufacturer of innovative metal ceilings as well as of light and daylight solutions, we work consistently to meet those requirements. In North America, we will aim to work with our project partners on solutions that create a perfect synthesis between function and design.

This catalogue shows particular ceiling lighting solutions that set new design trends in different architectural applications. Solutions that make you feel at home.



06

**dur-SOLO**  
CLOUD CEILING



10

**S4A**  
HOOK-ON SYSTEM



**S5A.6 FH**  
C-CHANNEL  
GRID SYSTEM WITH  
FLANGE HOOKS



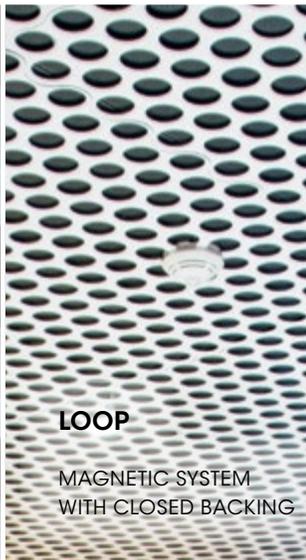
30

**TOMEO-R**  
OPEN DESIGN CEILING + LIGHTING

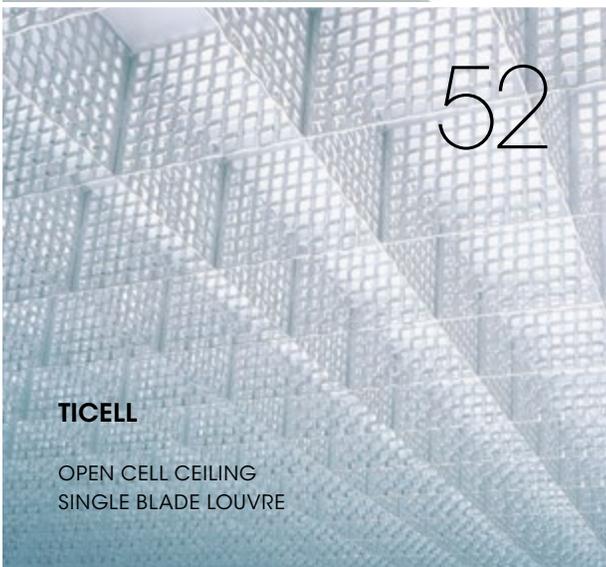


34

**POLYLAM**  
VERTICAL BAFFLE SYSTEM

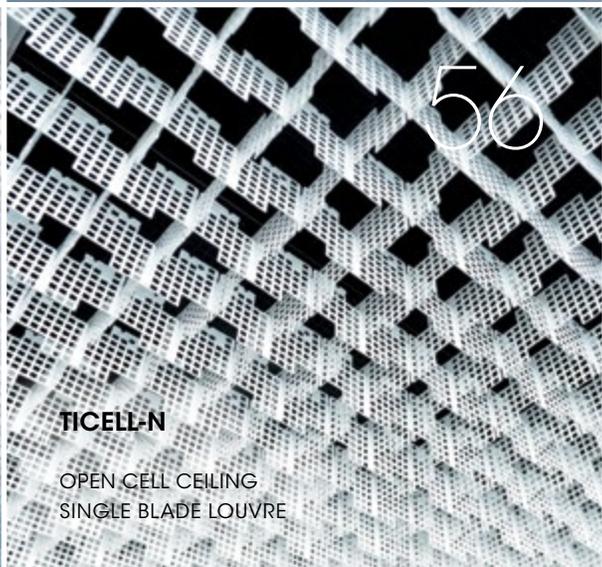


**LOOP**  
MAGNETIC SYSTEM  
WITH CLOSED BACKING



52

**TICELL**  
OPEN CELL CEILING  
SINGLE BLADE LOUVRE



56

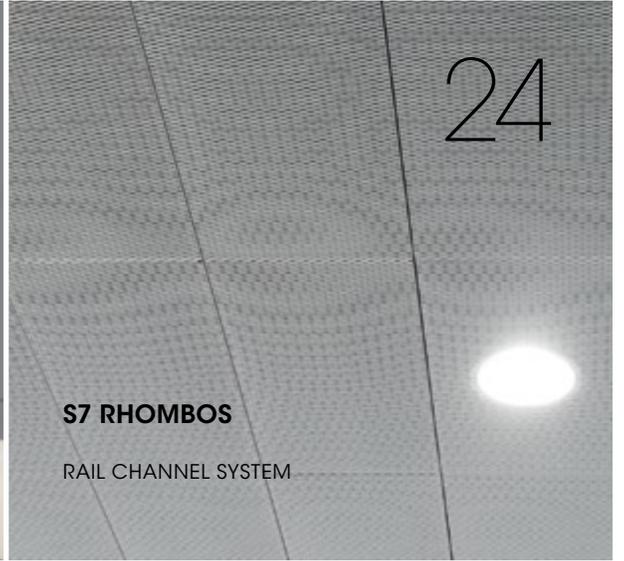
**TICELL-N**  
OPEN CELL CEILING  
SINGLE BLADE LOUVRE



**PERFORATIONS**  
ROUND, STRAIGHT /  
STAGGERED /  
DIAGONAL



**S7**  
RAIL CHANNEL SYSTEM



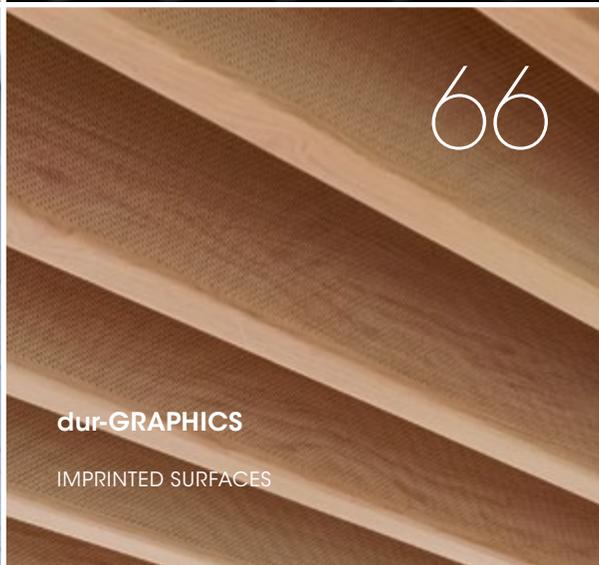
**S7 RHOMBOS**  
RAIL CHANNEL SYSTEM



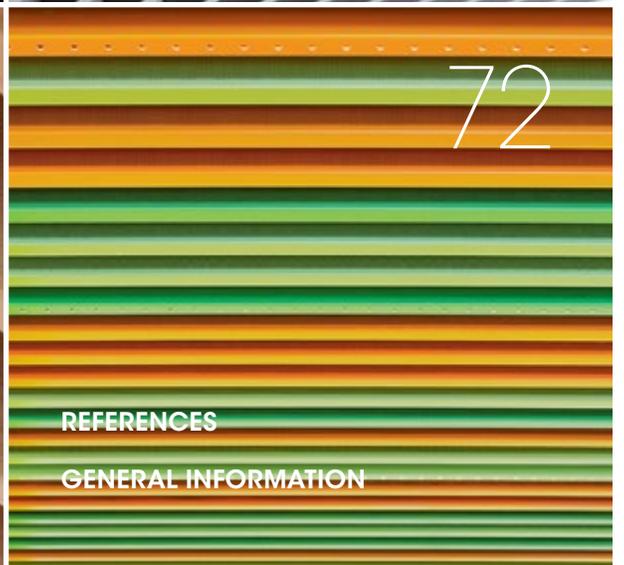
**STAR 3**  
OPEN CELL CEILING  
LINEAR LOUVRE



**STARLAM**  
OPEN CELL CEILING  
LINEAR LOUVRE



**dur-GRAPHICS**  
IMPRINTED SURFACES



**REFERENCES**  
**GENERAL INFORMATION**



# METAL CEILINGS & CLOUD CEILINGS



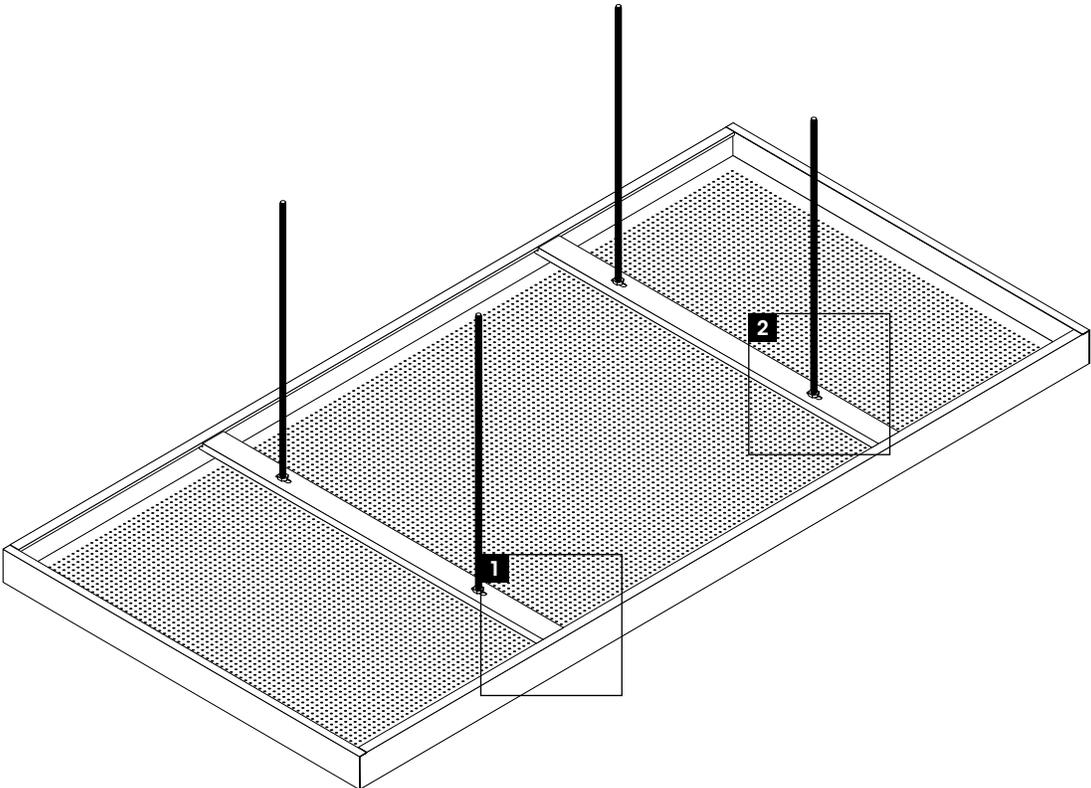
dur-SOLO cloud ceilings from durlum excel through their floating, elegant look. The timeless system with high acoustic performance fits well into any room.

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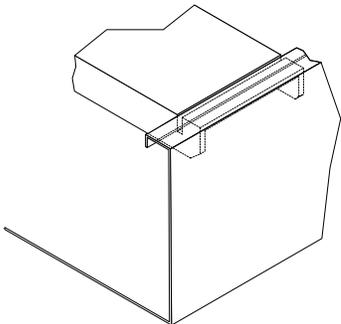
## dur-SOLO TYPE 1

CLOUD CEILING

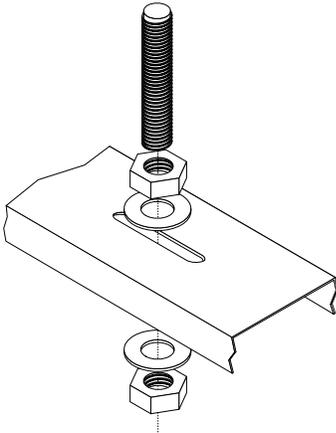




1



2

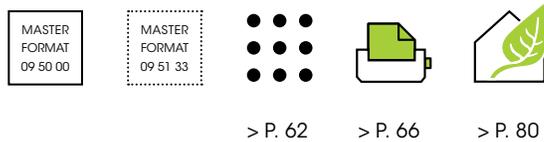


dur-SOLO cloud ceilings are versatile and flexible in use and are especially suited for office buildings, educational establishments, for renovation or organic building shapes. They can be combined optimally with thermally activated concrete ceilings. durlum's dur-SOLO is distinguished by highly flexible design options in terms of materials and surfaces up to very large module sizes. The unobtrusive substructure with integrated transverses in the cloud ceiling underline the floating character of dur-SOLO.

dur-SOLO is easy to install. Upon request, dur-SOLO is also available as hinged variant. Depending on your requirements, the system can also be supplied sound-proof or sound-absorbing or printed with graphics.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



**SURFACE**

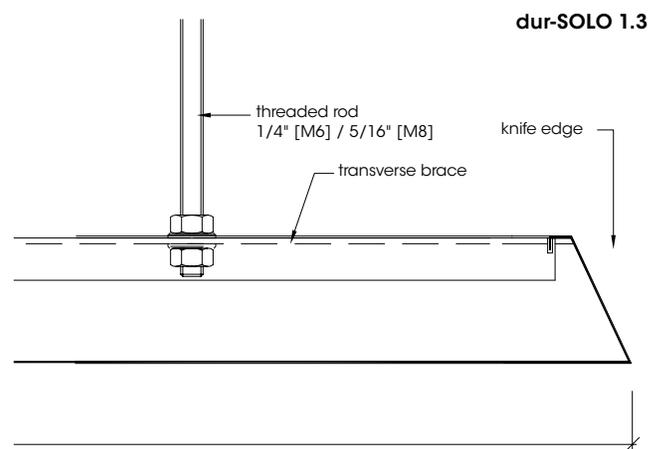
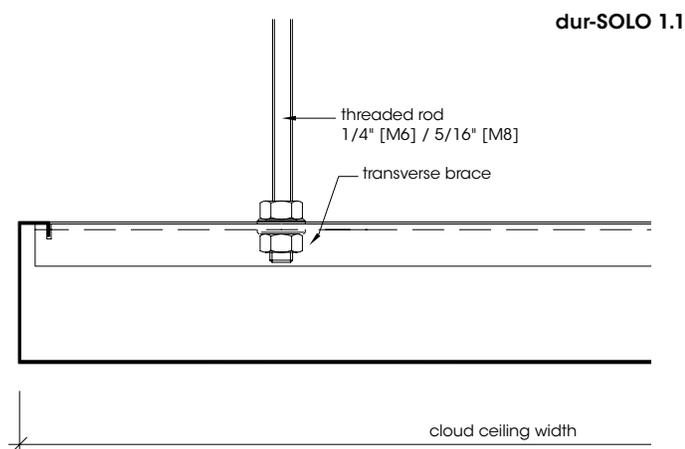
Galvanized steel, aluminum and stainless steel. The thickness of the material depends on the structural requirements. The galvanized steel and aluminum can be powder-coated in white matt [similar to RAL 9016] or according to customer specifications. The coating thickness is approx. 60 µm. The aluminum can also be supplied coil anodized or mirror polished. Stainless steel rectangular metal panels are available brushed or mirror polished. The powder-coated blanks can also be printed with graphics and textures of your choice.

**DIMENSIONS**

**Panel size**  
 Length: ≤ 11'-10" [≤ 3600 mm]  
 Width: ≤ 4'-1" [≤ 1250 mm]

**PERFORATION AND ACOUSTICS**

Metal panels are available perforated with black acoustic fleece or non-perforated. durlum offers RG-L15 perforation [NRC=approx. 1.15] and RG-L08 "Pico-Point" Microperforation [NRC=approx. 0.60] as standard. For other available perforations please see [www.durlum.us](http://www.durlum.us).







## S4A

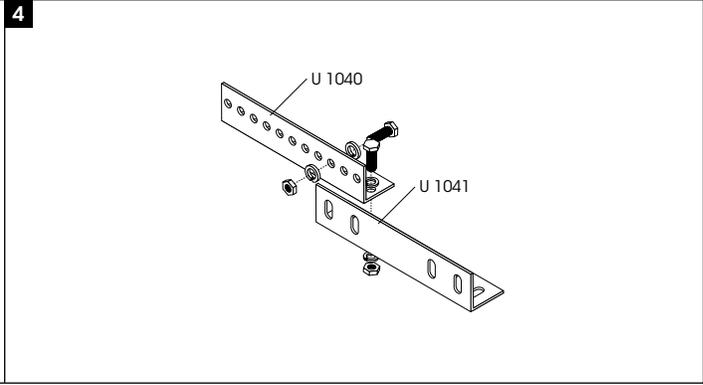
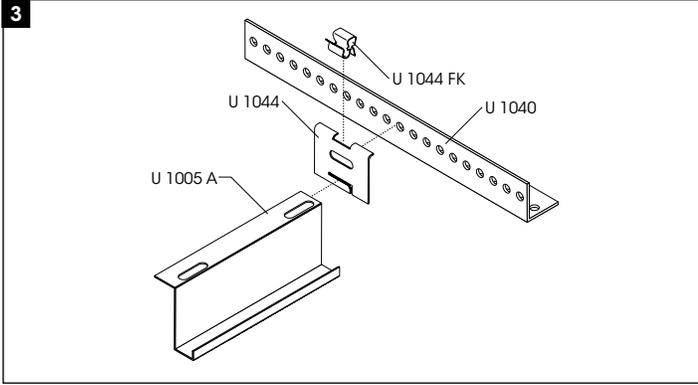
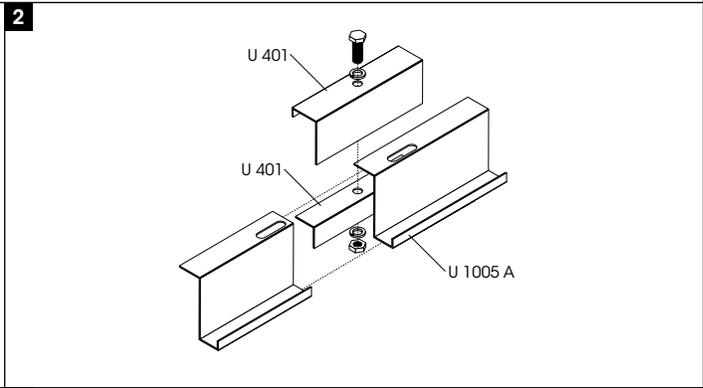
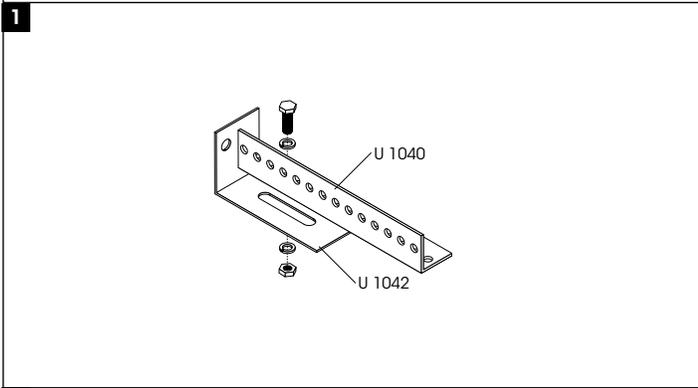
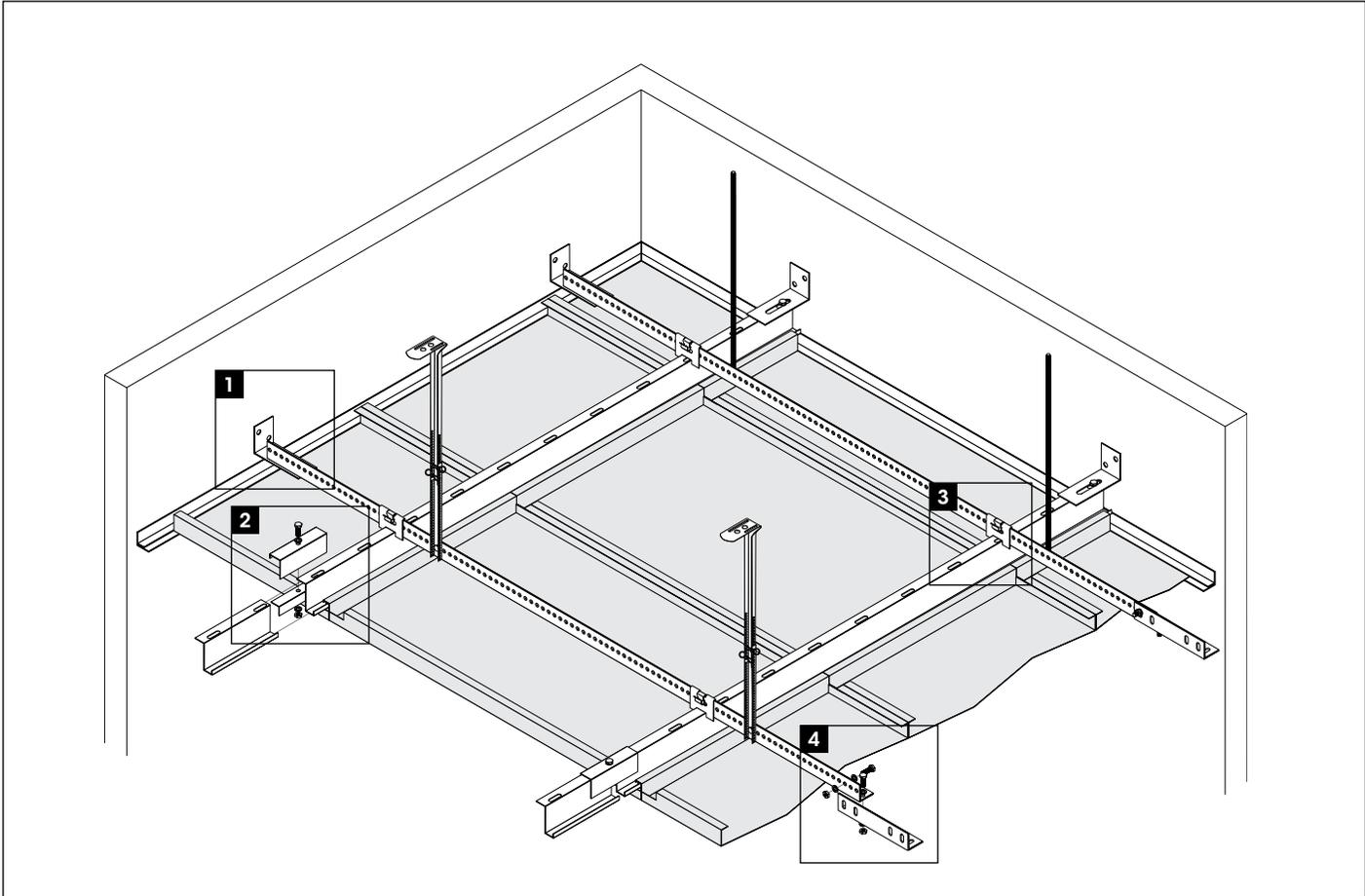
The classical metal ceiling system S4A expresses a purist aesthetic suitable for any room.

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### S4A

HOOK-ON SYSTEM



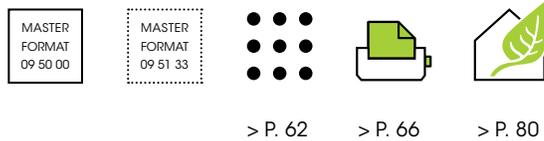


The modern durlum metal ceiling system S4A is suitable for a host of indoor applications. S4A is a ceiling with an invisible substructure which is distinguished by flexible design options in terms of materials, surfaces and size.

The rectangular metal panels can be hooked tension free into the system and are easy to demount without requiring tools. Upon request, the system can be supplied with reseals separating all panels. Depending on your requirements, the system can also be supplied sound-proof or sound-absorbing or printed with graphics.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



**SURFACE**

Galvanized steel, aluminum and stainless steel. The thickness of the material depends on the structural requirements. The galvanized steel and aluminum can be powder-coated in white matt [similar to RAL 9016] or according to customer specifications. The coating thickness is approx. 60 µm. The aluminum can also be supplied coil anodized or mirror polished. Stainless steel rectangular metal panels are available brushed or mirror polished. The powder-coated blanks can also be printed with graphics and textures of your choice.

**DIMENSIONS**

**Panel size**

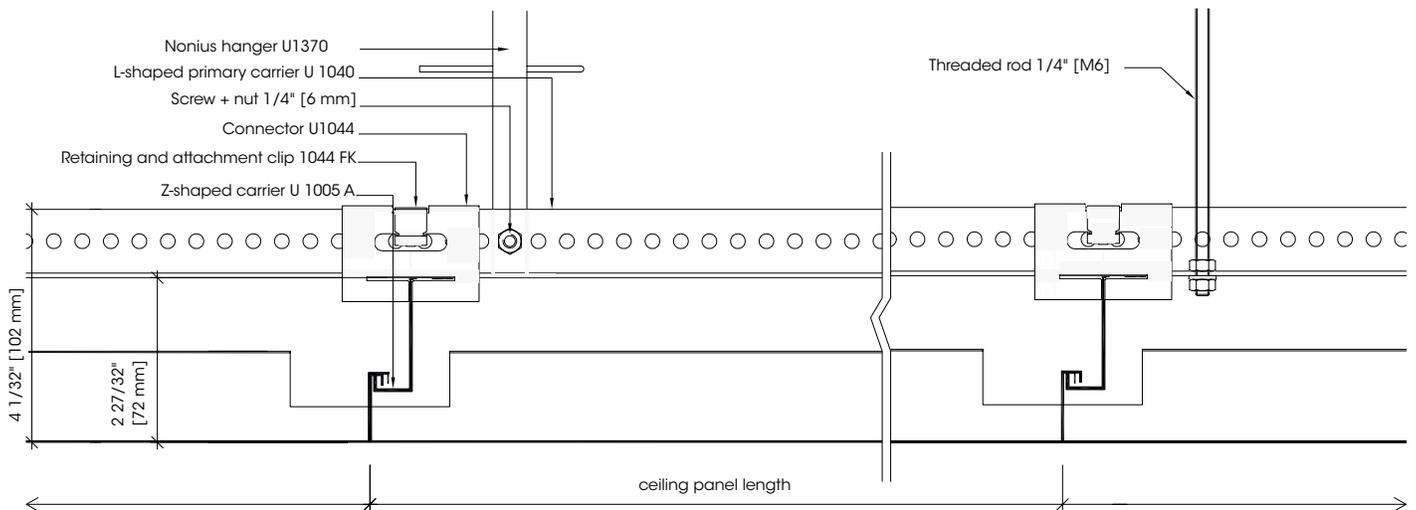
Length: ≤ 11' - 5 3/4" [≤ 3500mm]

Width: ≤ 4' - 3 1/4" [≤ 1300mm]

Recommended surface area: ≤ 32ft² [≤ 3m²]

**PERFORATION AND ACOUSTICS**

Metal panels are available perforated with black acoustic fleece or non-perforated. durlum offers RG-L15 perforation [NRC=approx. 0.70] and RG-L08 "Pico-Point" Microperforation [NRC=approx. 0.60] as standard. For other available perforations please see [www.durlum.us](http://www.durlum.us).







## S5A.6 FH

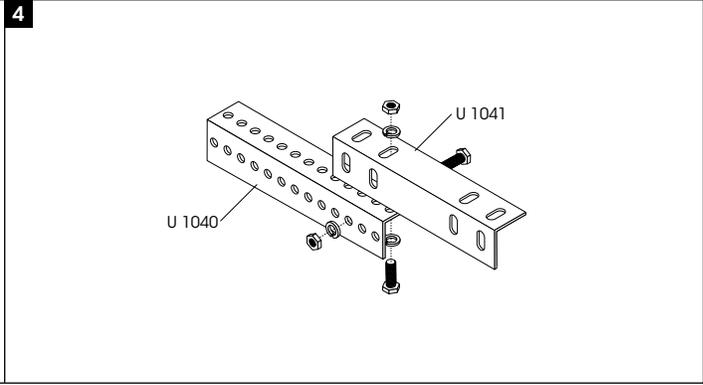
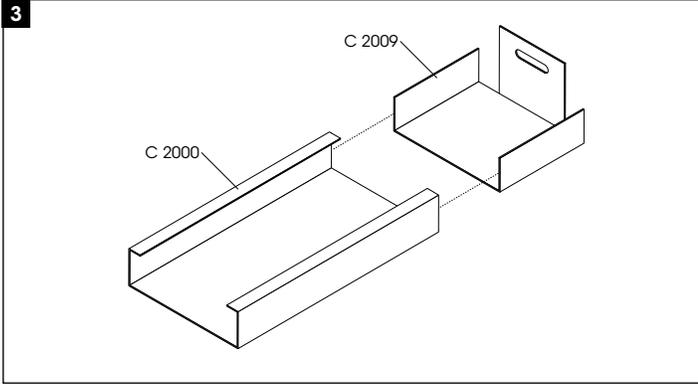
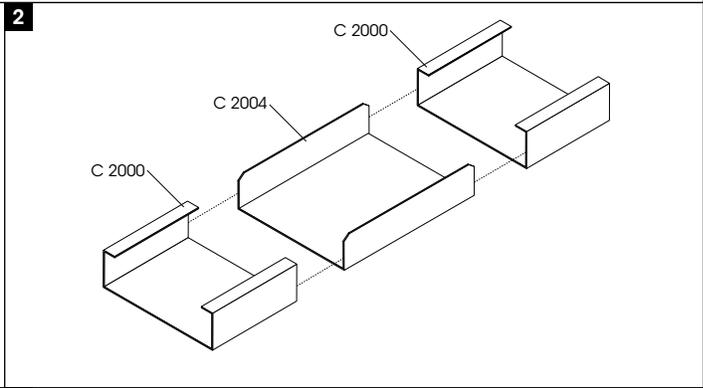
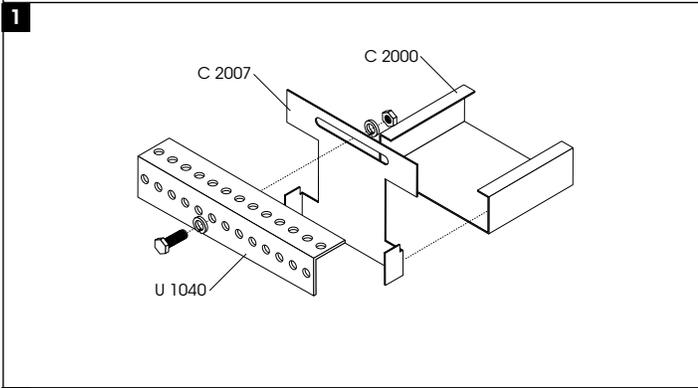
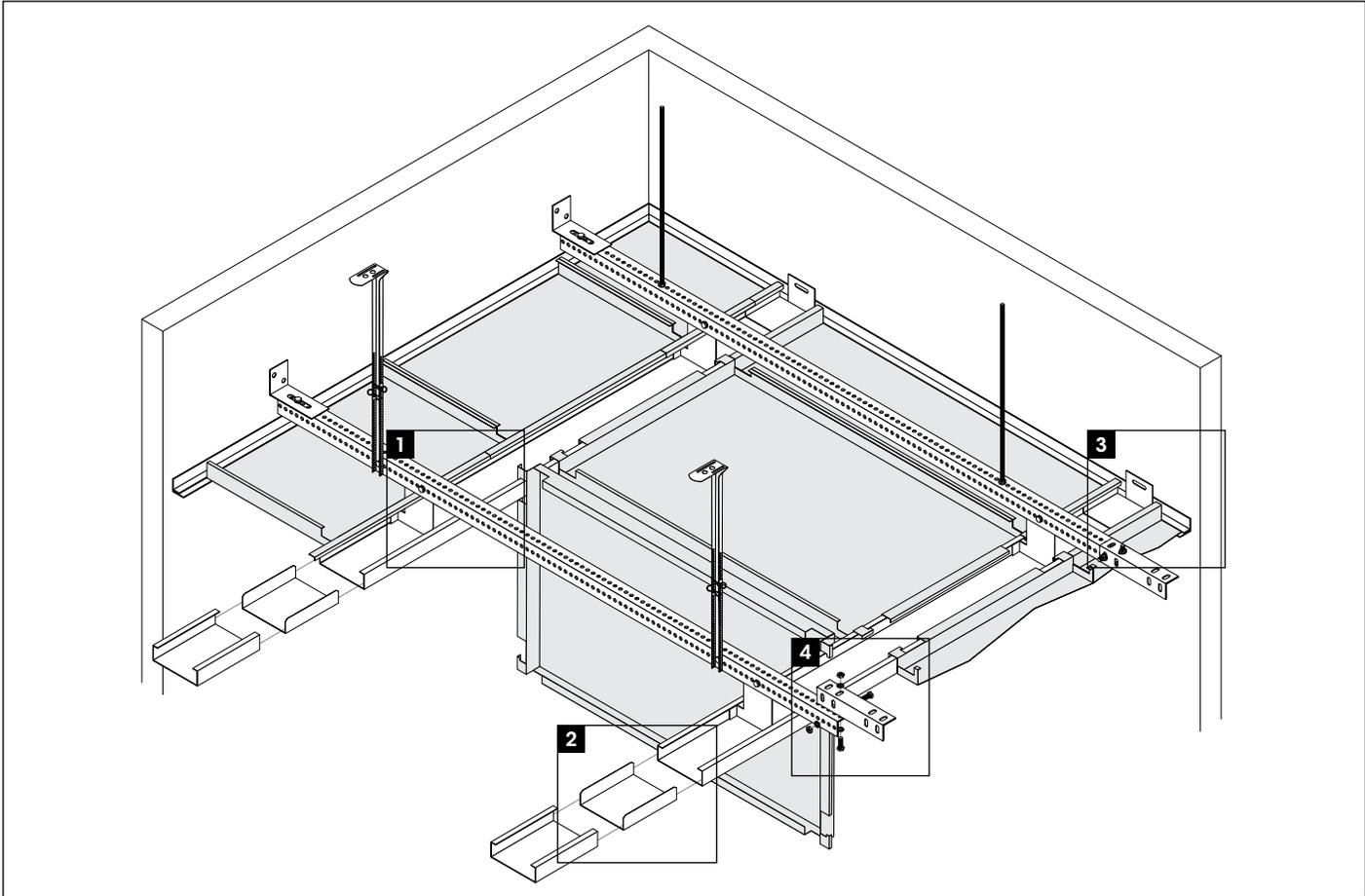
S5A.6 FH metal ceilings with a visible substructure offer design flexibility and high levels of functionality.

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### S5A.6 FH

C-CHANNEL GRID SYSTEM WITH FLANGE HOOKS



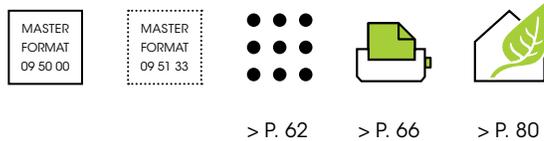


S5A.6 FH is a linear C-channel system with flange hook mounting. It is hingeable and sliding. The system is especially suited for use in office buildings. The visible substructure allows for simple retrospective room division whereby the partitions are joined to the parallel C-channel profiles as required.

S5A.6 FH is available in numerous materials and with different surfaces. The support system S5A.6 FH is easy to demount and does not require tools and, upon request, is available with a circumferential joint. Depending on your requirements, the system can also be supplied sound-proof or sound-absorbing or printed with graphics.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



**SURFACE**

**Material**

Galvanized steel, aluminium, stainless steel. The thickness of the material depends on the structured requirements. The galvanized steel and aluminium can be powder-coated in white matt [similar to RAL 9016] or according to customer specifications. The coating thickness is approx. 60µm. The aluminium can also be supplied coil anodized or mirror polished. Stainless steel rectangular metal panels are available brushed or mirror polished. The powder-coated blanks can also be printed with graphics and textures of your choice.

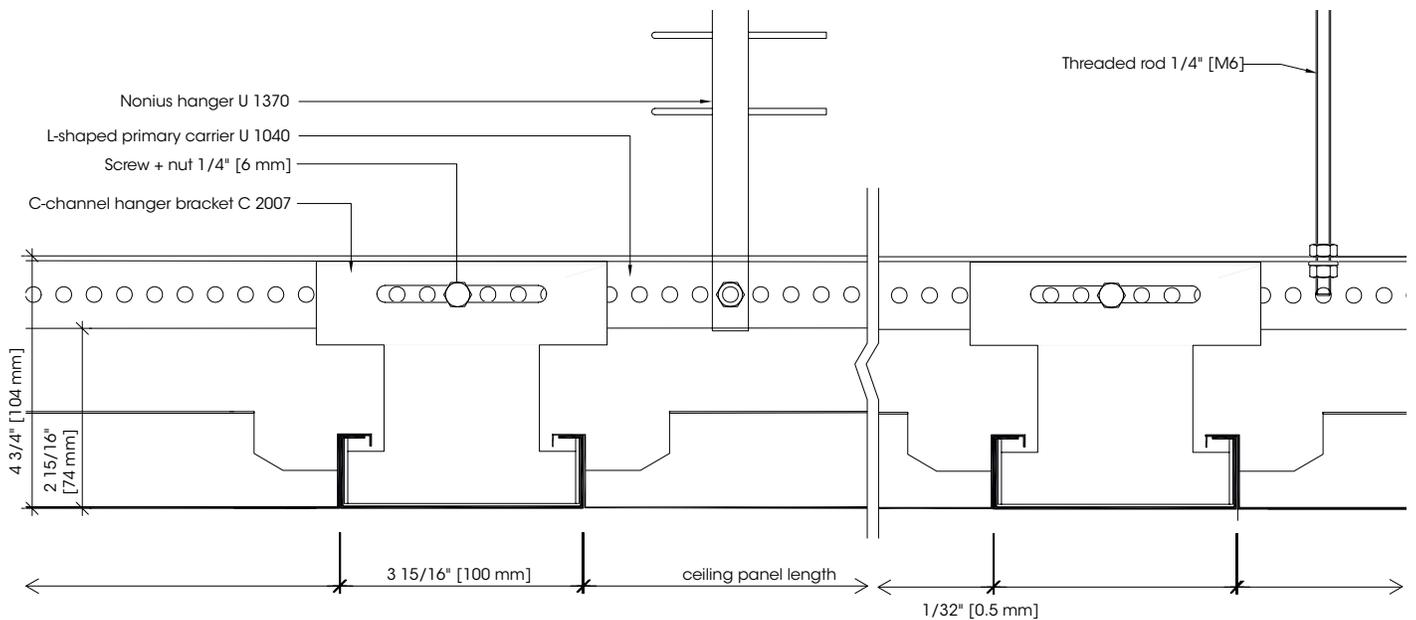
**DIMENSIONS**

**Panel size**

Length: ≤6'-6 3/4" [≤2000mm]  
 Width: ≤4'-3 1/4" [≤1300mm]  
 Recommended surface area: 22ft² [≤2.0m²]

**PERFORATION AND ACOUSTICS**

Metal panels are available perforated with black acoustic fleece or non-perforated. durlum offers RG-L15 perforation [NRC=approx. 0.70] and RG-L08 "Pico-Point" Microperforation [NRC=approx. 0.60] as standard. For other available perforations please see [www.durlum.us](http://www.durlum.us).







## S7

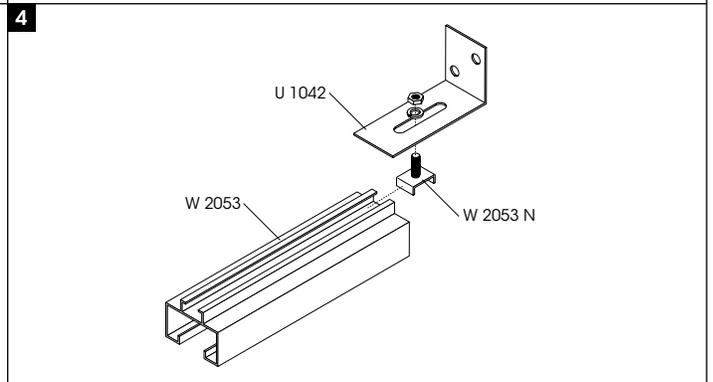
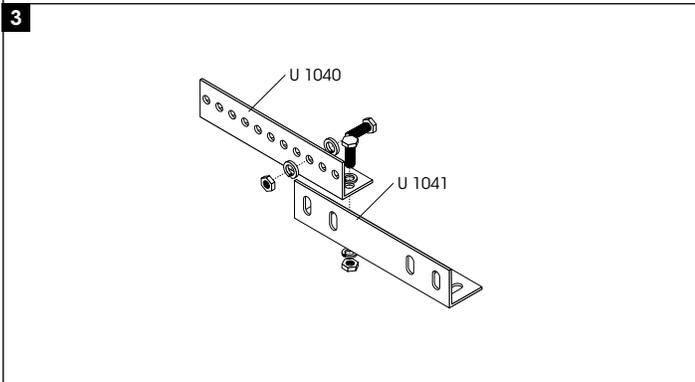
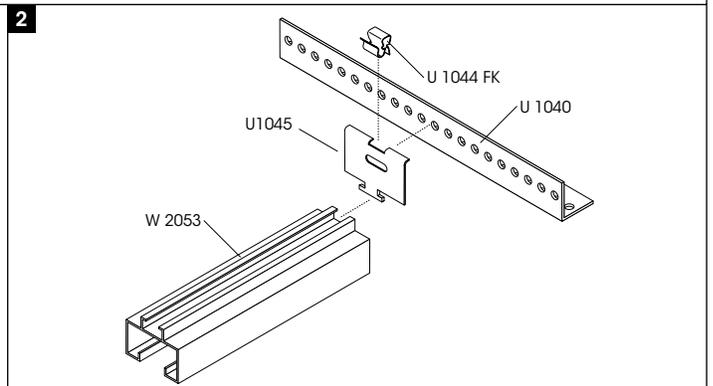
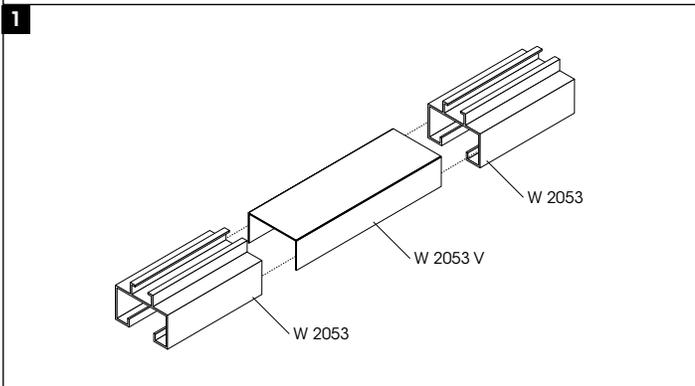
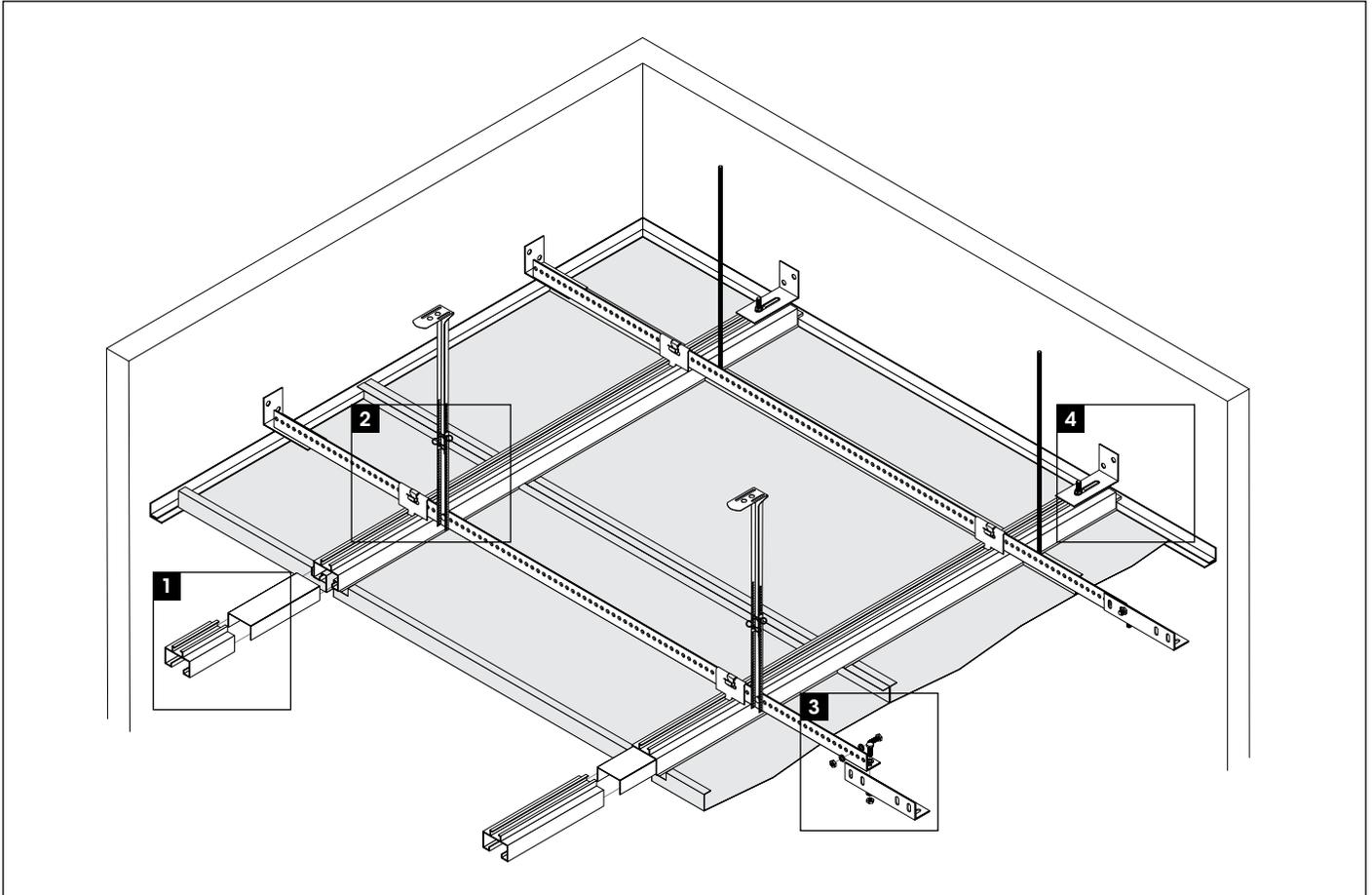
S7 metal ceilings are multipurpose ceiling solutions, highly functional and with a purist aesthetic.

---

### S7

RAIL CHANNEL SYSTEM





The modern durlum S7 metal ceiling offers a host of applications. The rail channel system is especially suited for sales areas, transportation buildings or other applications requiring ceilings with integrated sign-posting. Its solid design also makes it suitable for sports halls or other areas subject to pull and impact forces.

S7 is distinguished by flexible design options in terms of materials, surfaces and design. With its symmetrical panels, the S7 hook-in system with a front-sided reveal of  $13/32"$  [10mm] standard allows for easy planning and is easy to demount and without requiring tools. The integration of partitions is possible upon request. Depending on your requirements, the system can also be supplied sound-proof or sound-absorbing or printed with graphics.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



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## SURFACE

Galvanized steel, aluminium, stainless steel. The thickness of the material depends on structural requirements. The galvanized steel and aluminium can be powder-coated in white matt [similar to RAL 9016] or according to customer specifications. The coating thickness is approx.  $60\mu\text{m}$ . The aluminium can also be supplied coil anodized or mirror polished. Stainless steel rectangular metal panels are available brushed or mirror polished. The powder-coated blanks can also be printed with graphics and textures of your choice.

## DIMENSIONS

### Panel size

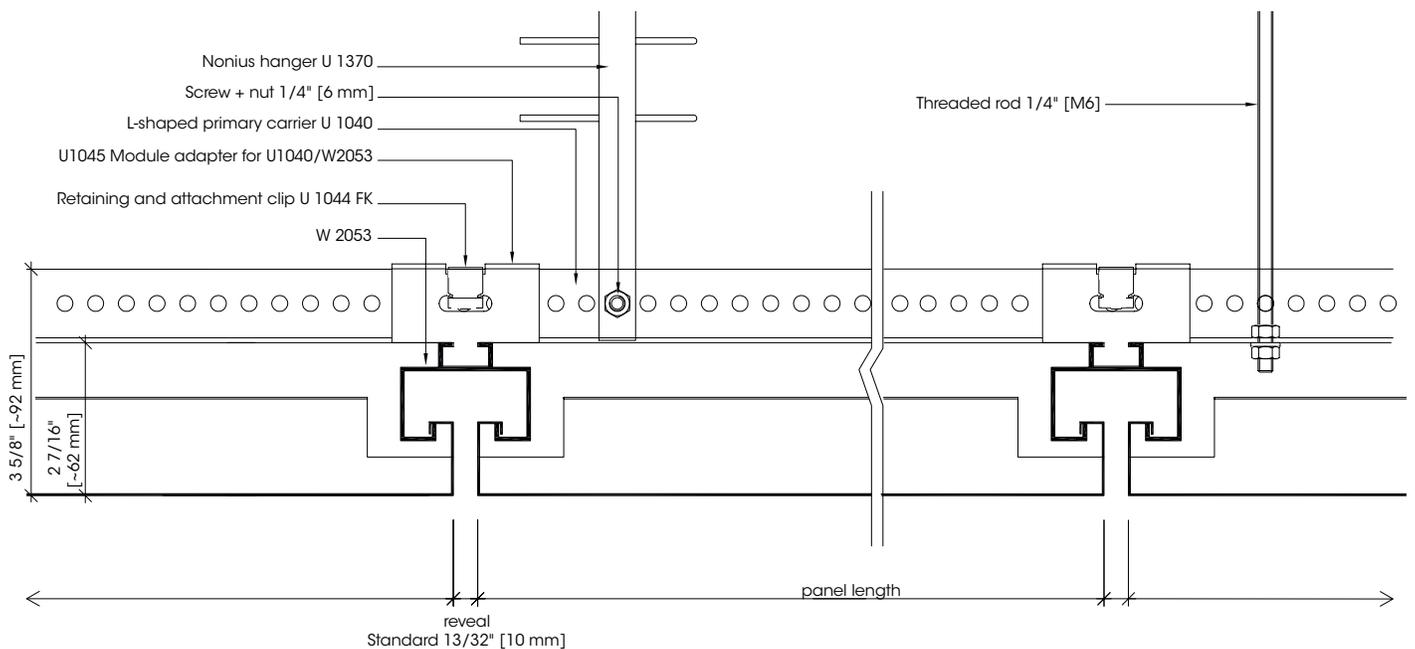
Length:  $\leq 11'-5\ 3/4"$  [ $\leq 3500\text{mm}$ ]

Width:  $\leq 4'-3\ 3/4"$  [ $\leq 1300\text{mm}$ ]

Recommended surface area:  $\leq 32\text{ft}^2$  [ $\leq 3.0\text{m}^2$ ]

## PERFORATION AND ACOUSTICS

Metal panels are available perforated with black acoustic fleece or non-perforated. durlum offers RG-L15 perforation [NRC=approx. 0.70] and RG-L08 "Pico-Point" Microperforation [NRC=approx. 0.60] as standard. For other available perforations please see [www.durlum.us](http://www.durlum.us).





# EXPANDED METAL





## S7 RHOMBOS

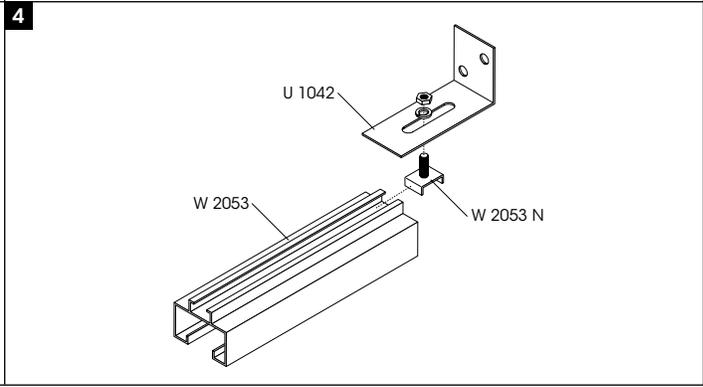
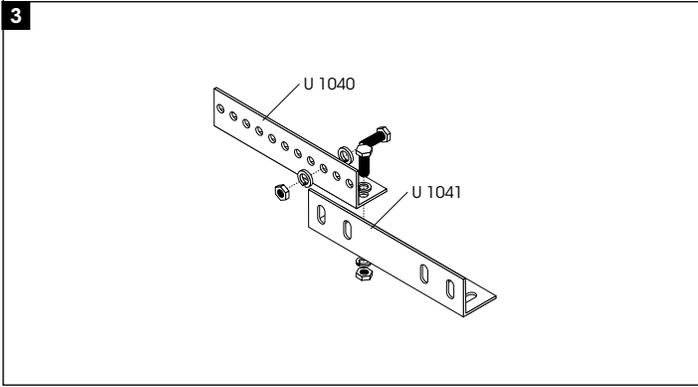
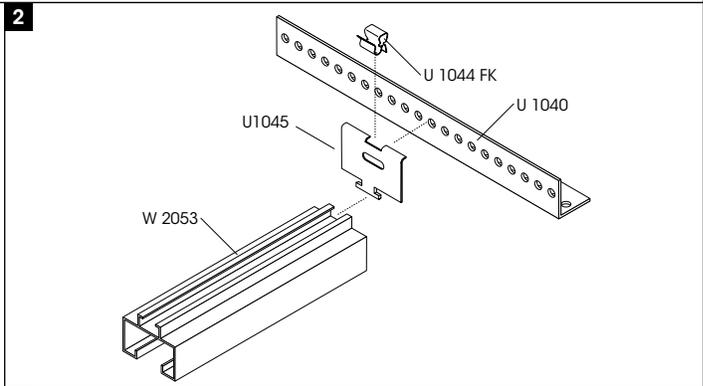
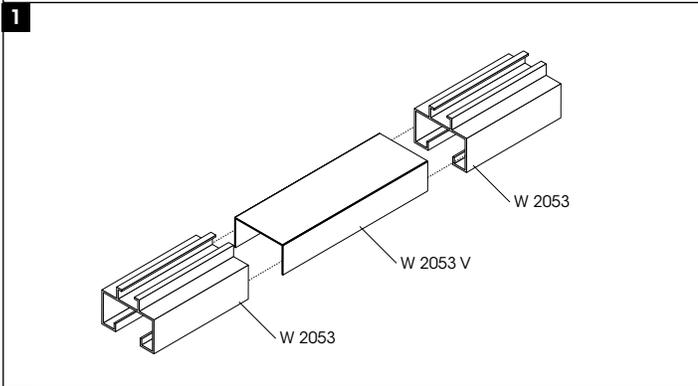
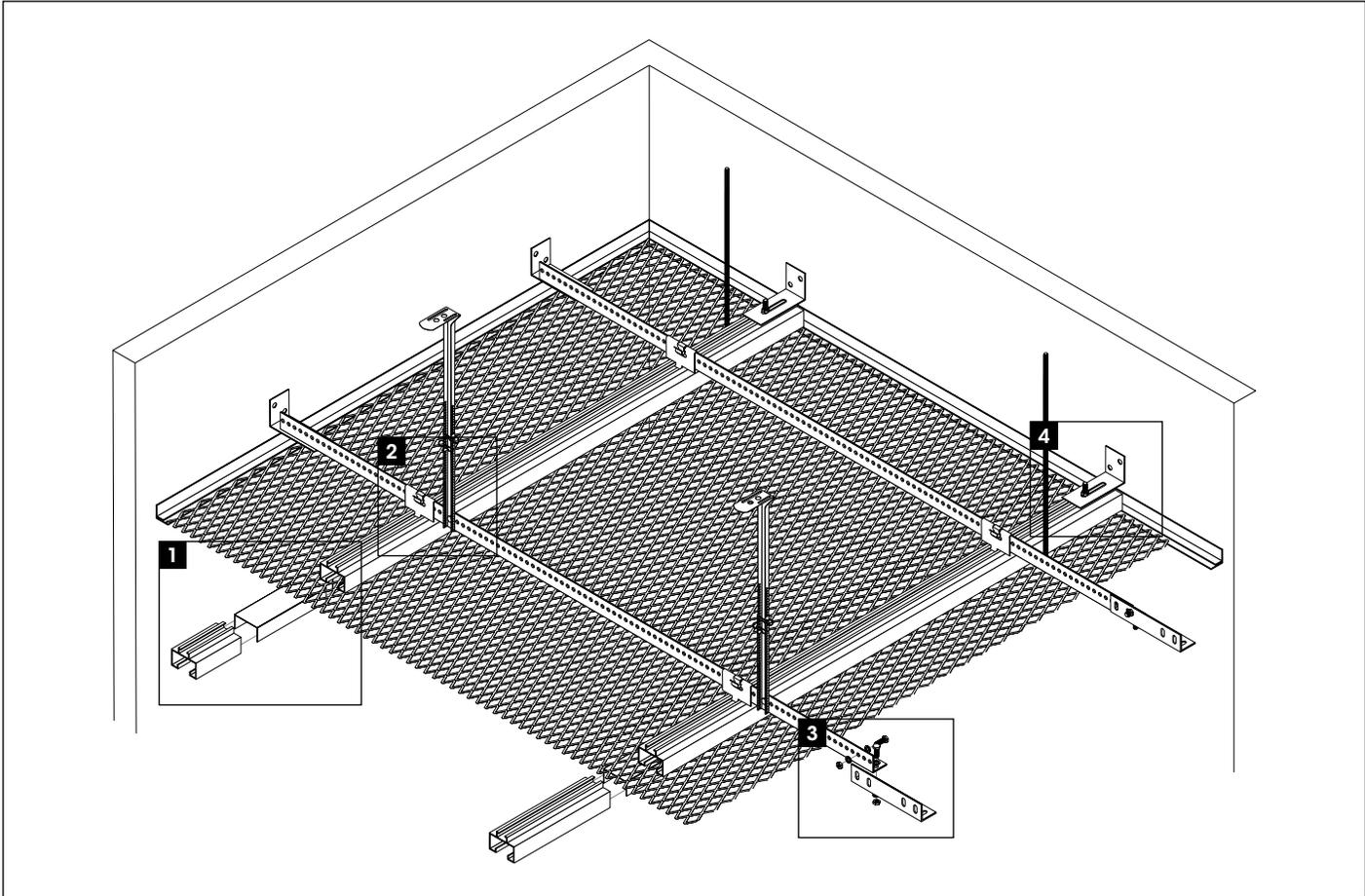
S7 RHOMBOS expanded metal ceilings create a feeling of open space. Depending on the mesh size, they make the ceiling appear transparent or closed.

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### S7 RHOMBOS

RAIL CHANNEL SYSTEM





The open expanded metal ceiling S7 RHOMBOS offers a host of applications. The rail channel system is especially suited for sales areas, transportation building or other applications requiring ceilings with integrated sign-posting. Its solid design also makes it suitable for sports halls and wall cladding.

S7 RHOMBOS is distinguished by highly flexible design options. With its symmetrical panels, the S7 hook-in system with a front-sided reveal of 13/32" [10mm] standard allows for easy planning and is easy to dismount from the bottom side at each point. Furthermore, the system can be supplied sound-proof and sound-absorbing according to your needs.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



> P. 80

**SURFACE**

Galvanized steel, aluminium, stainless steel. The thickness of the material depends on the static requirements. The galvanized steel and aluminium can be powder-coated in white matt [similar to RAL 9016] or according to customer specifications. The coating thickness is approx. 60µm. The aluminium can also be supplied coil anodized or mirror polished. Stainless steel expanded metal panels are available brushed or mirror polished.

**DIMENSIONS**

**Module size**

Normally expanded: max. 3'-7 1/4" x 8'-2 1/2" [1 100x2500mm]  
 Flat rolled: max. 2'-7 1/2" x 8'-2 1/2" [800x2500mm]  
 Larger dimensions on request.

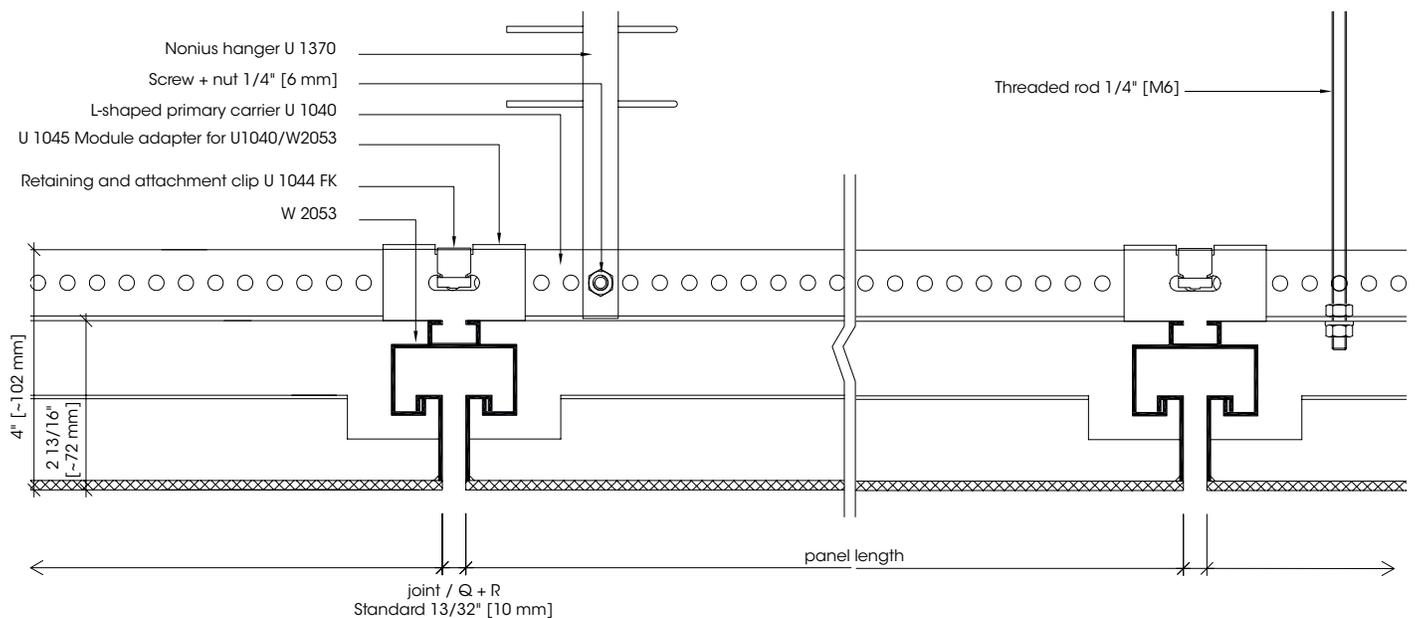
**MESH AND ACOUSTICS**

durlum offers expanded metal panels with medium sized mesh M260\_1.5 [open area ~66%] or M400 [open area ~50%] as standard. Other mesh types may be available upon request. Expanded metal panels can be supplied with black acoustic fleece [closed area].

**M260**



**M400**





# CHARACTER



# TOMEO-R

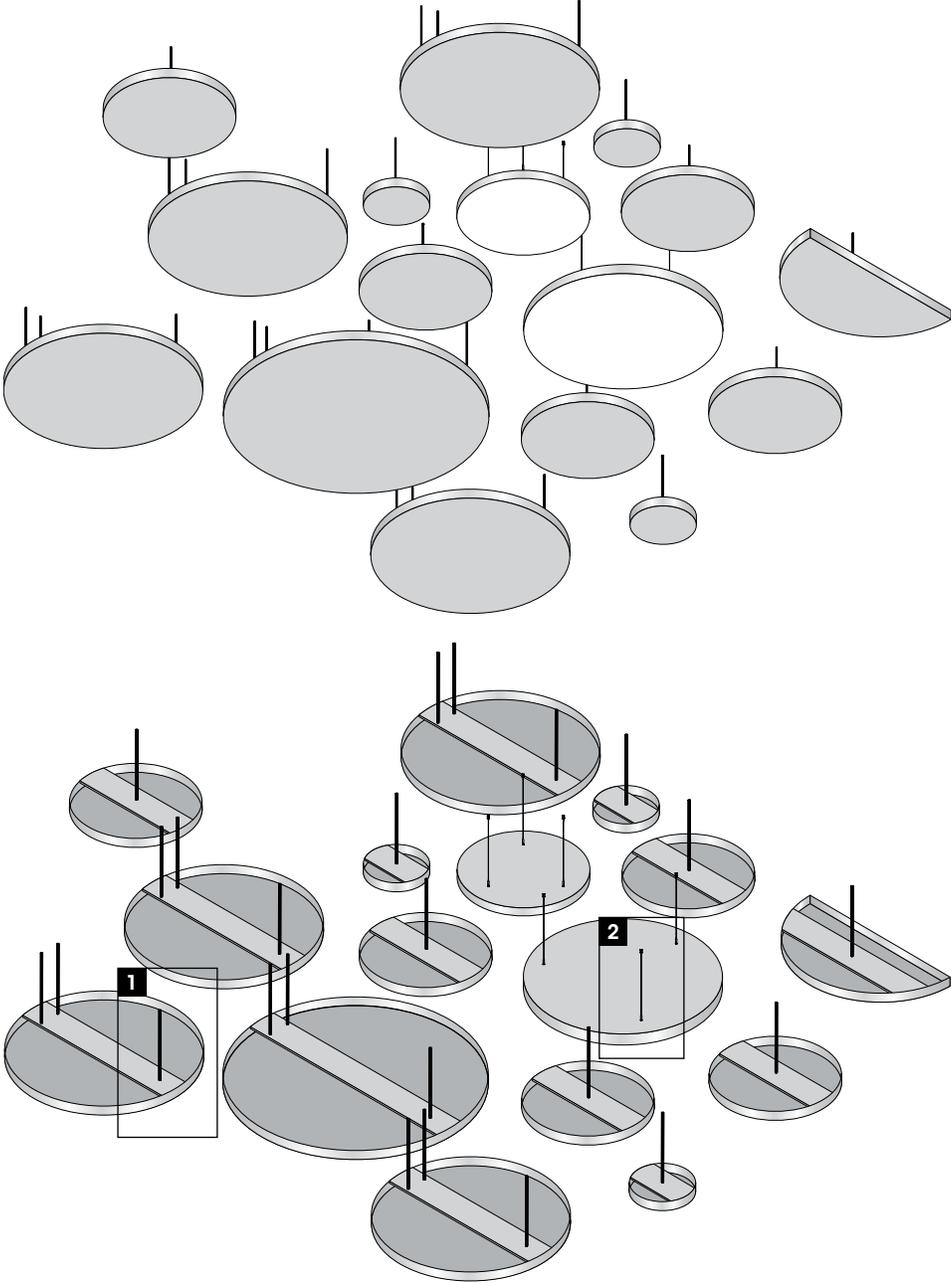
TOMEO-R is an aesthetic ceiling and lighting combination consisting of round metal ceiling elements and round LUMEO-R lights. Thanks to its various element sizes, TOMEO-R is suitable for use in any room.

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## TOMEO-R

CEILING-LIGHTING-COMBINATION





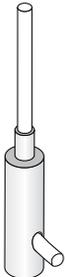
1

Threaded rod with or without white pipe sleeve



2

Cable suspension for LUMEOR



The esthetic ceiling-lighting-combination TOMEO-R integrates itself perfectly in rooms with a particular atmosphere. The ceiling and lighting elements are optimally coordinated with each other and can be designed individually in size, form and colour. The open system is suitable for rooms with or without cement core activation and integrates discreetly in the ceiling concept functions like acoustic, smoke evacuation and sprinklers.

The LUMEO-R LED-illuminated surfaces stand out due to an homogeneous illumination. The luminaire is covered with our tried and tested, high-quality DUROSATIN®.

For further information please refer to [durlum.us](http://durlum.us)



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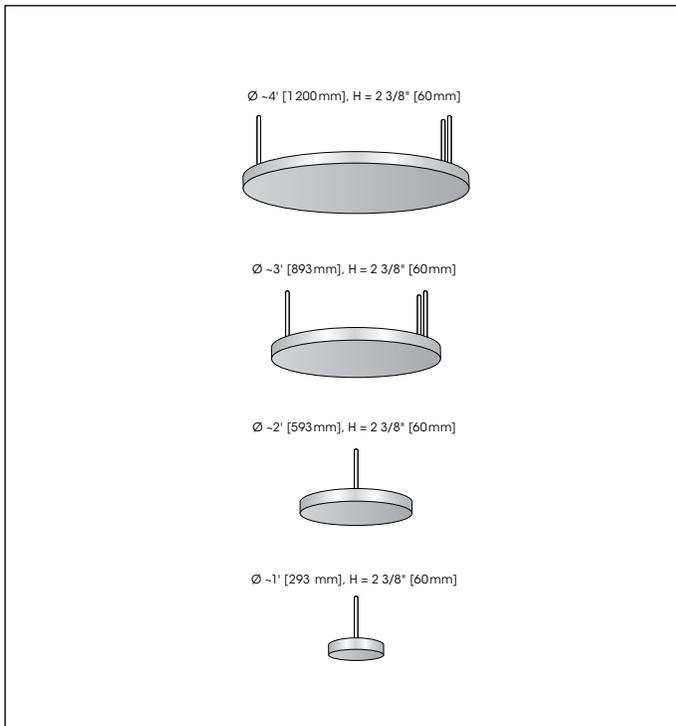
**SURFACE**

TOMEO-R ceiling elements and LUMEO-R luminaires can all be supplied in any RAL-colours. durlum standard is similar to RAL 9010 and RAL 9016.

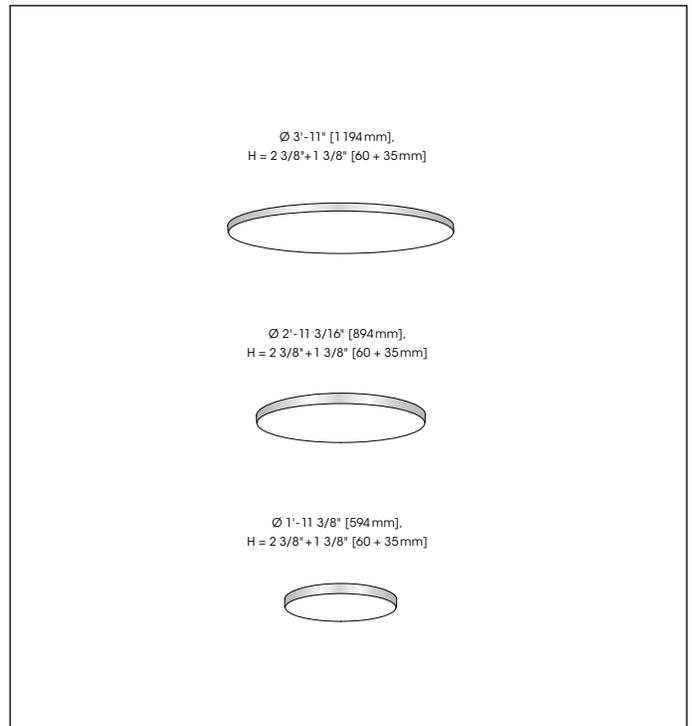
**PERFORATION AND ACOUSTICS**

TOMEO-R can be equipped with various absorption materials, e.g. fleece-clad mineral wool. TOMEO-R also absorbs through non-perforated surfaces. The ceiling elements can also be supplied in perforated form with acoustic fleece-backed material. The RD-L30 perforation pattern is highly suited to this purpose.

**TOMEO-R ceiling element**



**LUMEO-R LED illuminated surfaces**







# POLYLAM

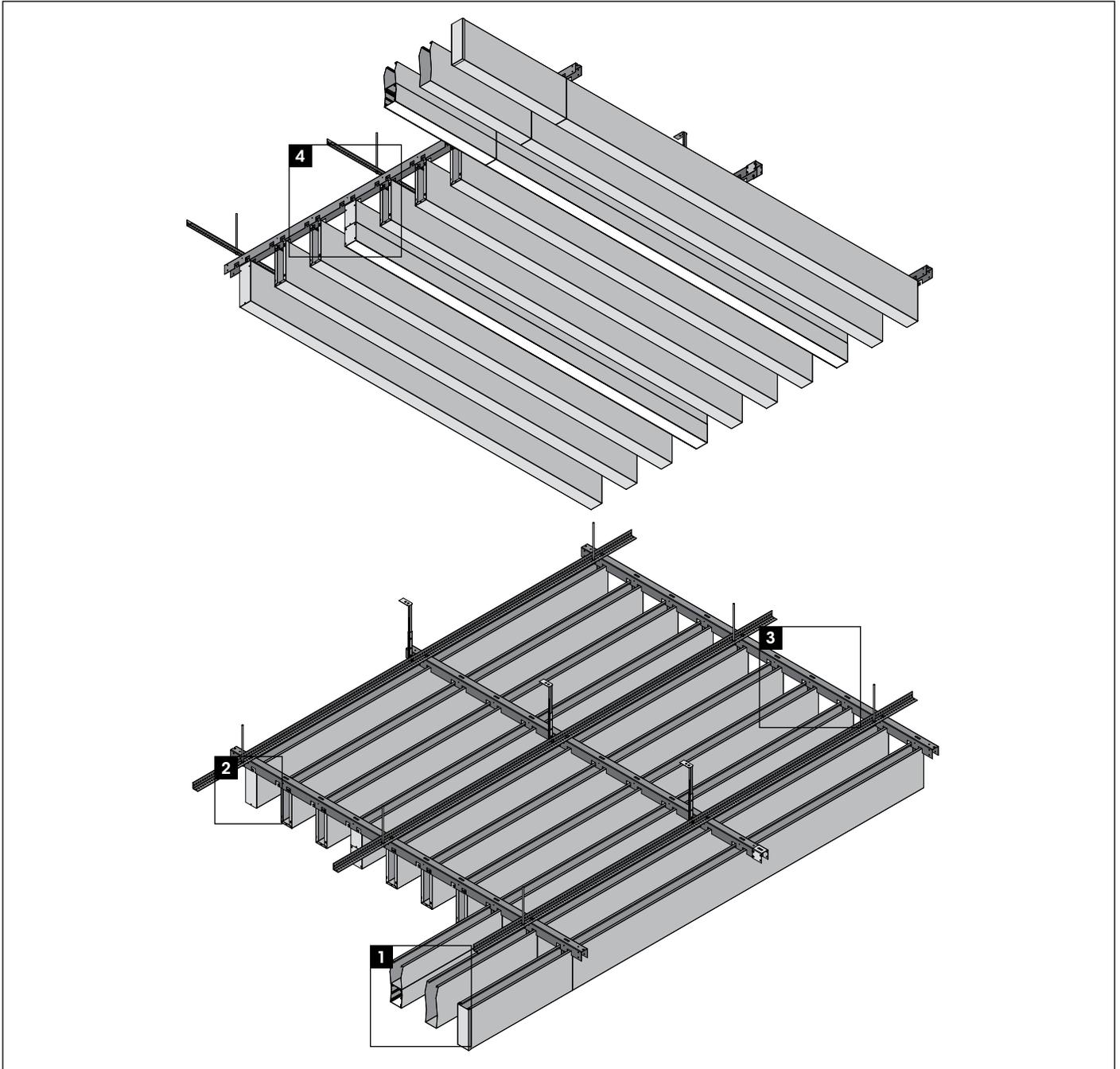
The modern vertical baffle system POLYLAM places the architecture deliberately in the limelight. The open ceiling fascinates by its space limiting action and by its particular acoustic properties, especially in rooms with high sound absorption requirements.

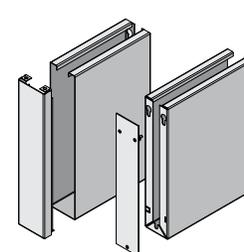
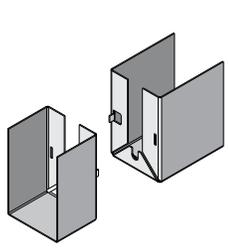
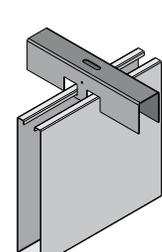
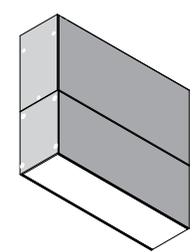
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## POLYLAM

VERTICAL BAFFLE SYSTEM





<p><b>1</b></p>  <p>End cap / end cover with F-flip</p>	<p><b>2</b></p>  <p>Connection detail</p>	<p><b>3</b></p>  <p>U-Carrier</p>	<p><b>4</b></p>  <p>OMEGA 60 Lighting channel coming soon</p> 
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POLYLAM places the architecture in the limelight. This modern vertical baffle system with acoustic properties offers varied designing options and can also be used in thermally-active building systems. The customer can choose the color or get it printed in wood design to create individual ceiling configurations. Together with the linear OMEGA 60 lighting channel, it is possible to create completely new designs.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)

**SURFACE**

POLYLAM elements can be made out of galvanized sheet steel or aluminium. The surfaces are white powder-coated, similar to RAL 9016. Other RAL colours, coloured surfaces or imprinted surfaces are available, e.g. in DUROPLAN W wood design.

**DIMENSIONS**

**Baffle width:** 1 9/16", 2 15/32" or 3 15/16" [40, 63 or 100mm]  
 Special requests: 1 3/16"-3 15/16" [30-100mm]

**Baffle length:** 11 13/16" to 12'-5 19/32" [300 to 3800mm]

**Baffle height:** 3 15/16" to 1' 2 3/16" [100 to 360mm]  
 Special requests: 1 3/16" to 2'-7 1/2" [30 to 800mm]

The module can be selected at random. The smallest module spacing is calculated by adding 1 31/32" [50mm] to the width of the baffle.

**PERFORATION AND ACOUSTICS**

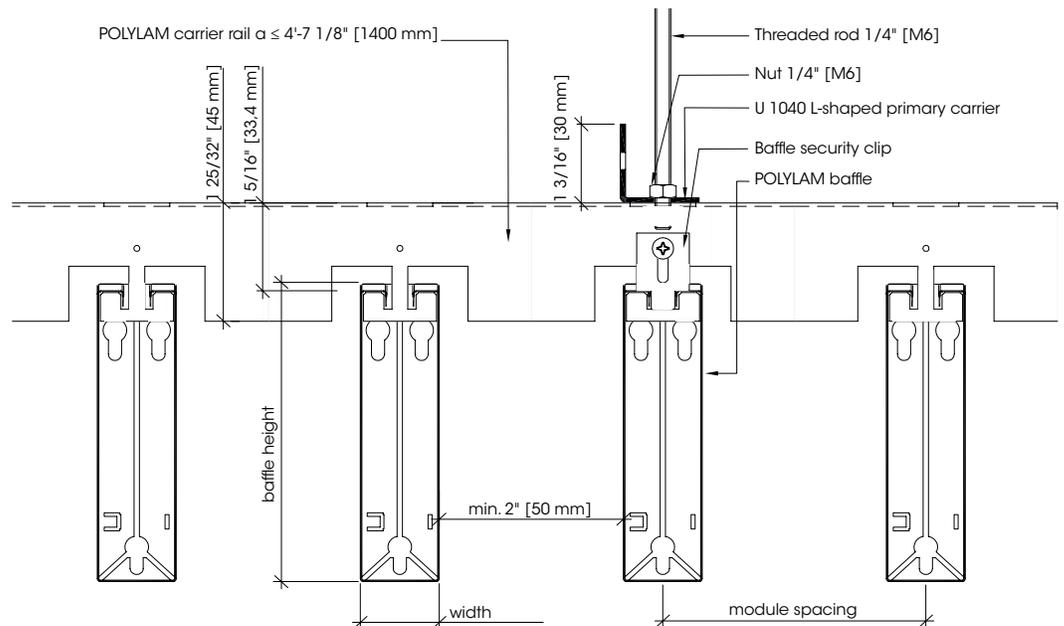
Metal panels are available perforated with black acoustic fleece or non-perforated. durlum offers RV-L6 perforation and RG-L15 perforation as standard. For other available perforations please see [www.durlum.us](http://www.durlum.us). The baffles may be designed with perforated sides as well as perforated underneath. Acoustical requirements will determine the number of baffles, their height and their width. Acoustic data sheets may be available upon request.



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# LOOP

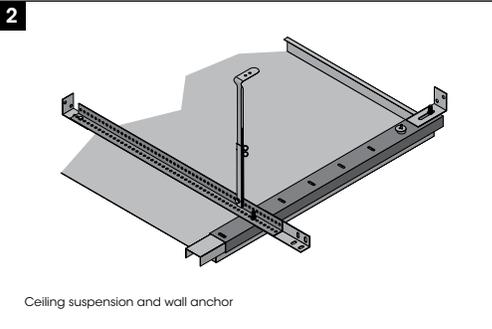
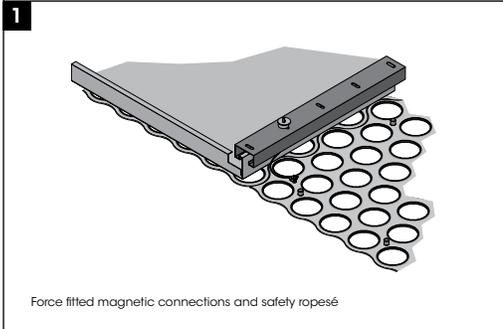
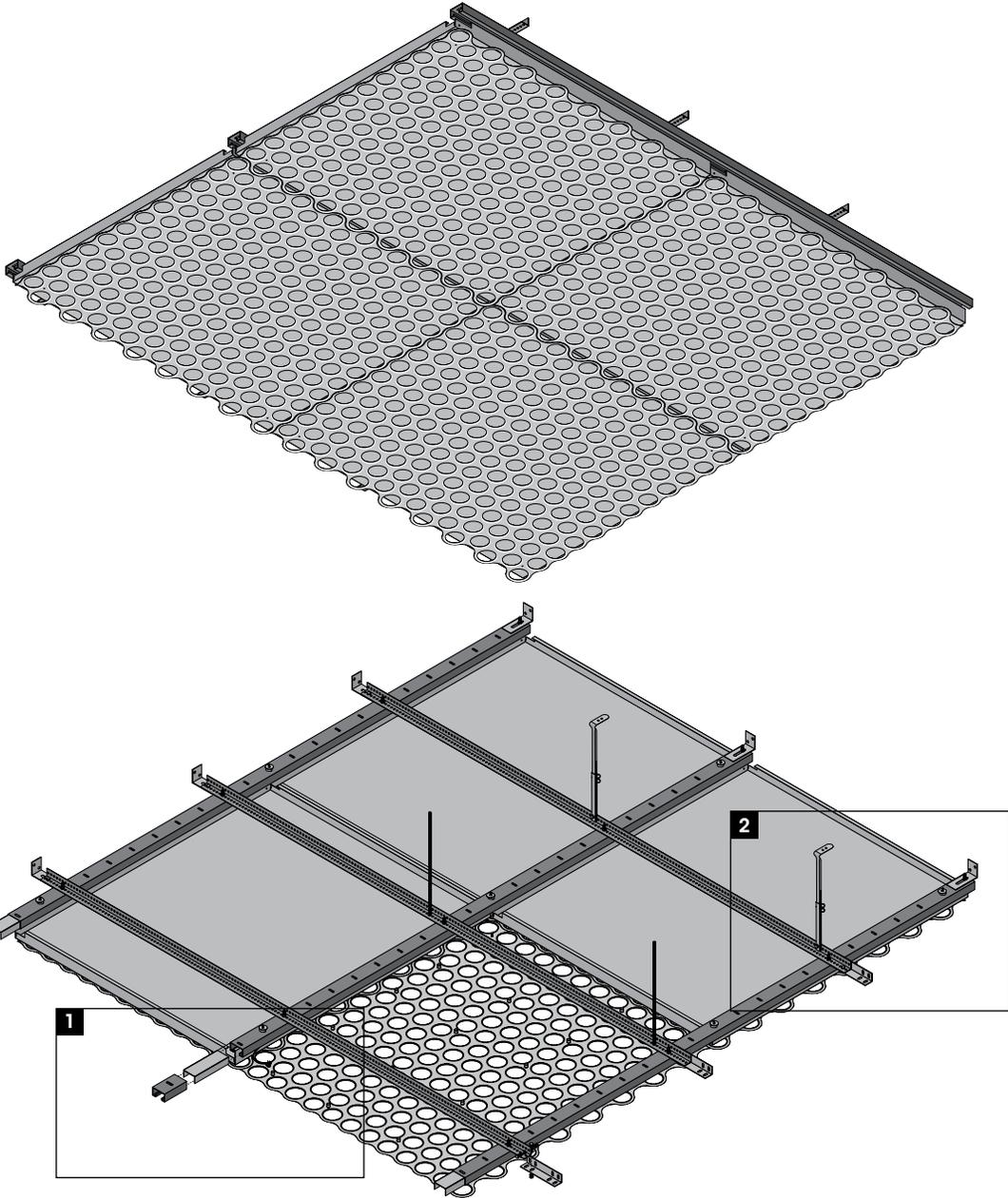
Characteristic for the elegant open metal ceiling LOOP are its typical curves. Arranged in rows, round openings define the jointless ceiling image and provide optimum alignment of the individual ceiling elements with their soft rounded contours. 5 mm deep openings create a three-dimensional visual effect for the system and support the screening of the ceiling void.

---

## LOOP TYPE 3

MAGNETIC SYSTEM WITH CLOSED BACKING





The elegant metal ceiling LOOPTYPE 3 stands out thanks to its characteristic design and its high user comfort. The possibility to choose individual functions like acoustic and lighting allows multipurpose applications. The two-piece magnetic system creates a closed ceiling configuration with no visible fastening and can be easily removed. The possibility of choosing the colour of the base ceiling and the LOOP element create new designing dimensions.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



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## SURFACE

The LOOPTYPE 3 elements made of 1/32" [1 mm] thick sheet steel are available in any RAL colours. The false ceiling can be selected in the same shade or in another one.

## DIMENSIONS

### LOOP Ceiling

Panel size: 3'-8 1/4" x 3'-3 17/32" [1 124,23 mm x 1 004,25 mm]

Module size: 3'-7 29/32" x 3'-2 1/32" [1 115,4 mm x 966 mm]

Joint width: 3/32" [2 mm]

### S7 False ceiling

Panel size: 3'-7 29/32" x 3'-1 5/8" [1 115 mm x 956 mm]

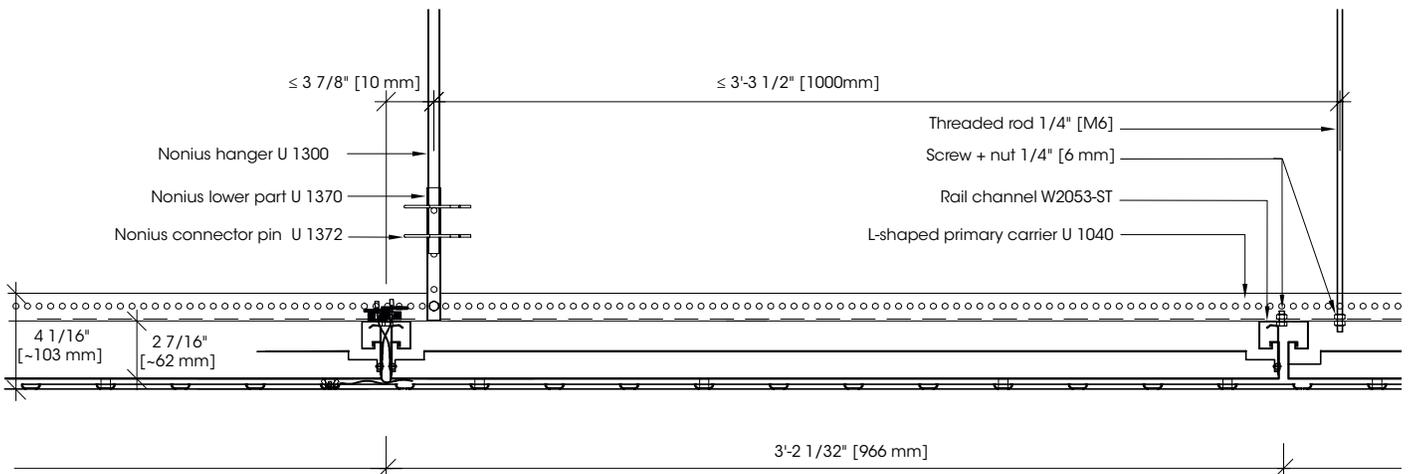
Joint width: 13/32" [10 mm]

## ACOUSTICS

LOOPTYPE 3 is acoustically effective in the standard version due to the base ceiling [perforated rectangular metal panel in the system S7 KS].

## MECHANICAL-ELECTRICAL

Next to lighting, other utilities such as ventilation, sprinklers or cable lines can also be integrated without any difficulties.





OPEN CELL



## STAR 3

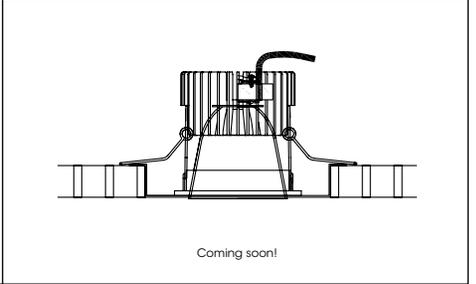
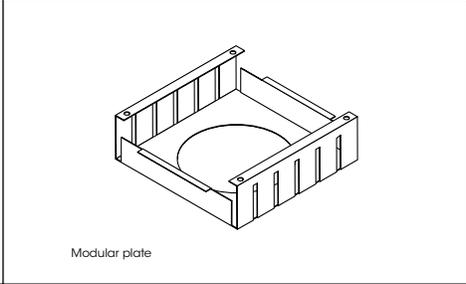
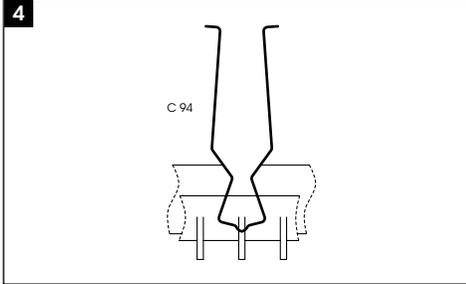
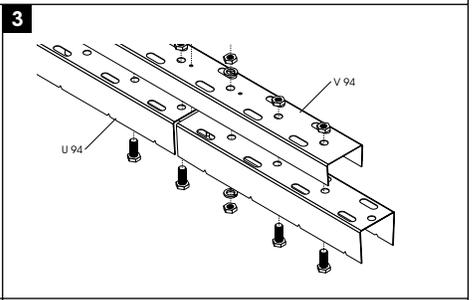
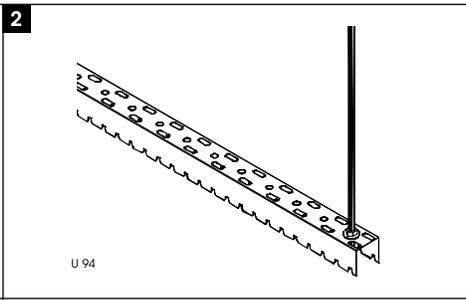
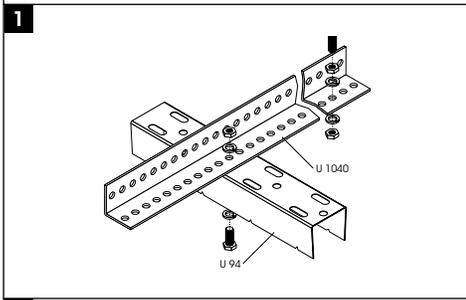
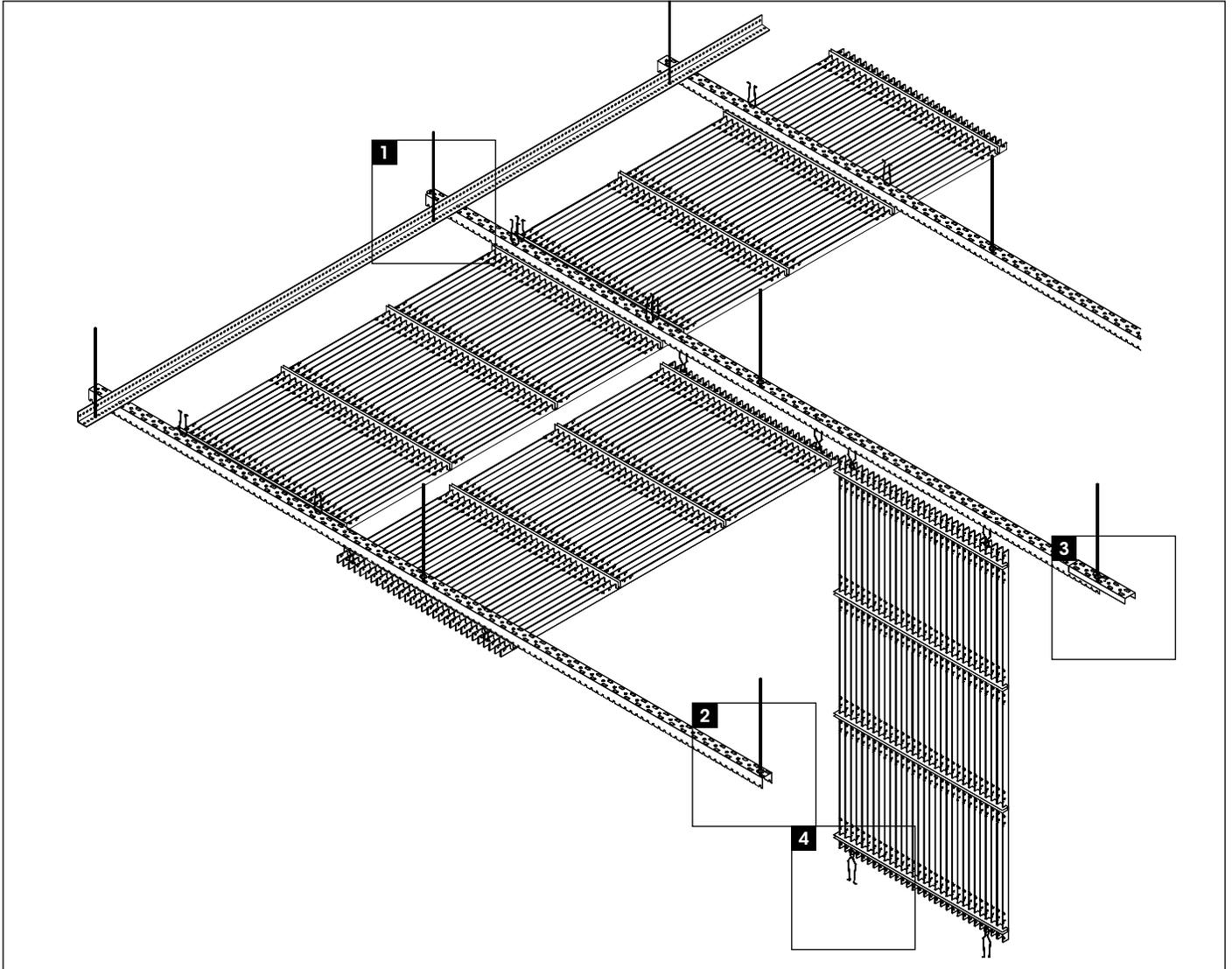
Open-cell ceiling STAR 3 is intended for projects requiring an aesthetic finish. Its fine lines lend an unmistakable elegance to its airy appearance.

---

### STAR 3

OPEN CELL CEILING





STAR 3 is a delicate, linear open cell ceiling. The combination of the blades and the clearly defined edges creates a unique appearance. If the main blades are painted in different colors, completely new ceiling designs are generated in combination with the recessed black secondary blades.

STAR 3 is available with different spacing. Downlights can be easily integrated into the system using modular panels.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



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**SURFACE**

**Main blades:** White, black, RAL 9006

Other colors available on request

**Secondary blades:** Black

**Material:** Aluminium

**DIMENSIONS**

**Panel size**

2 x 4' [609.6 x 1219.2mm]

**Main blades**

Width: 1/8" [3mm]

Height: 13/16" [20.4mm]

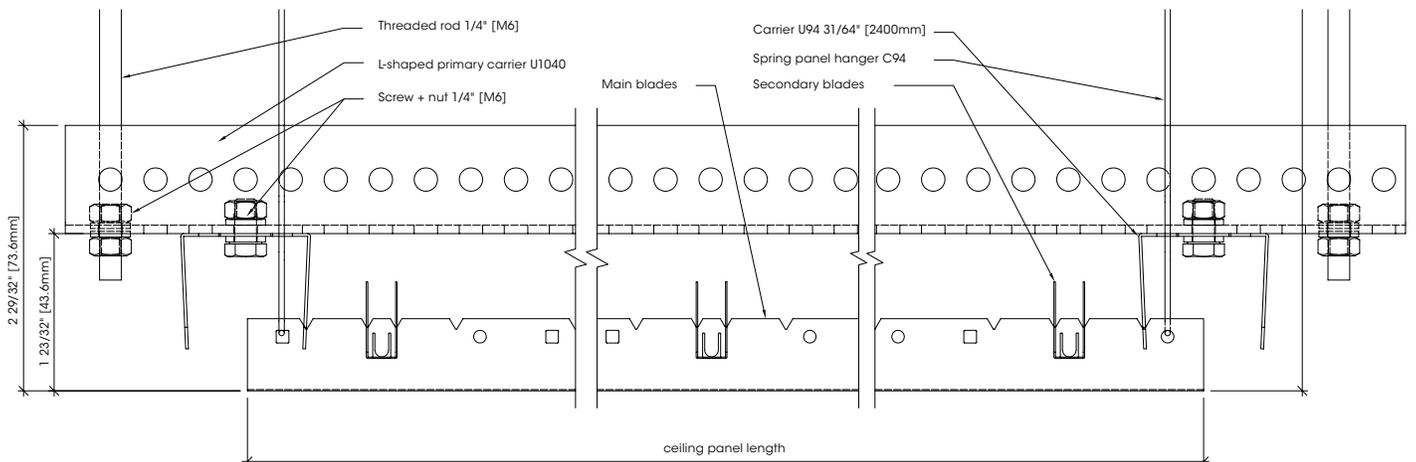
Blade spacing: 13/16"; 1"; 1 3/16" [20.3; 25.4; 30.5mm]

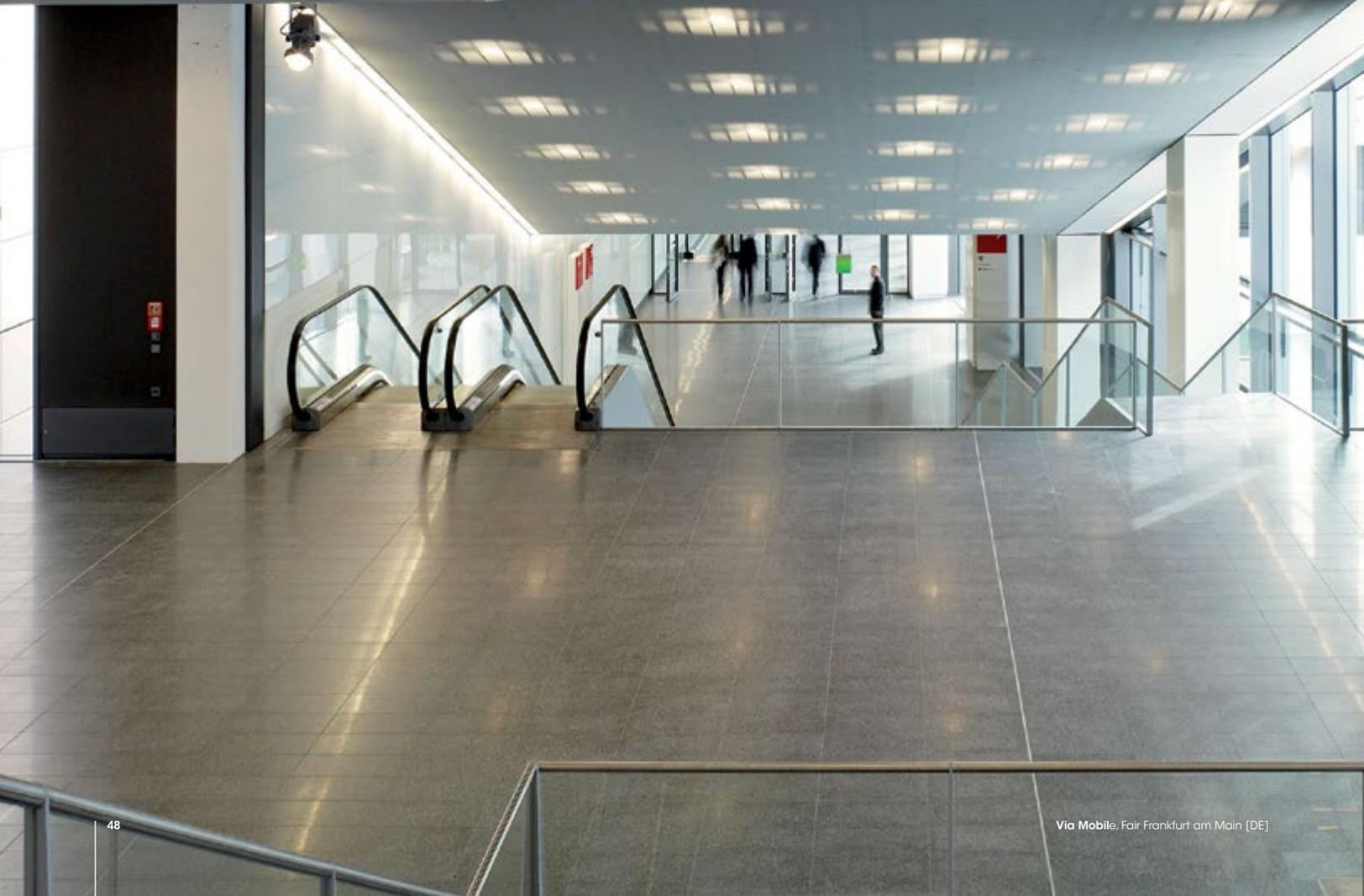
**Secondary blades**

Width: 11/32" [9mm]

Height: 27/32" [21.5mm]

Blade spacing: 1'-3" [381 mm]







# STARLAM

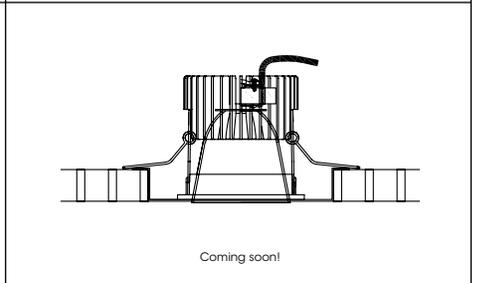
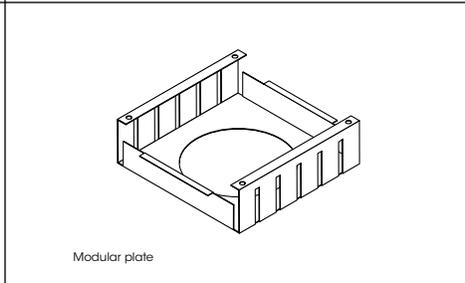
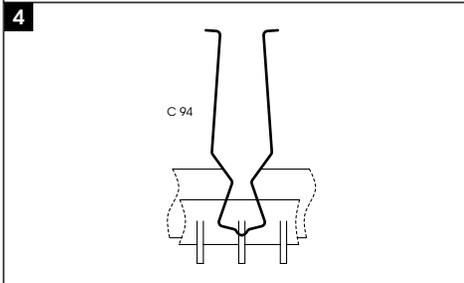
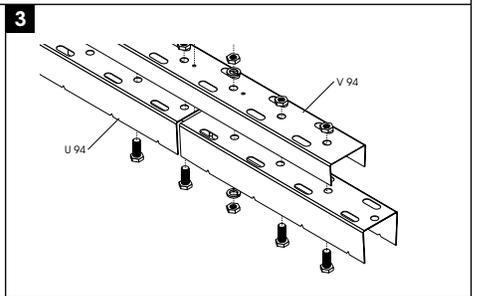
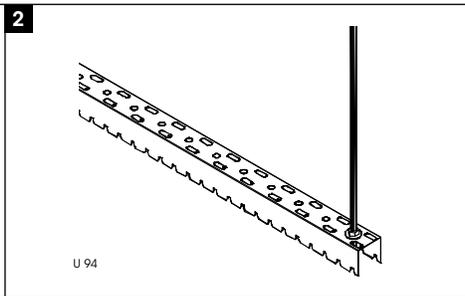
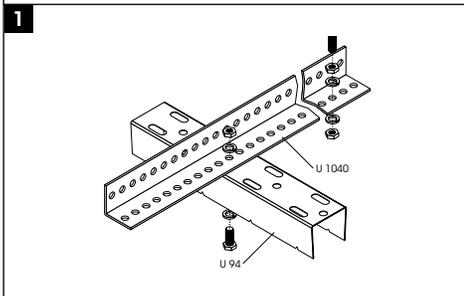
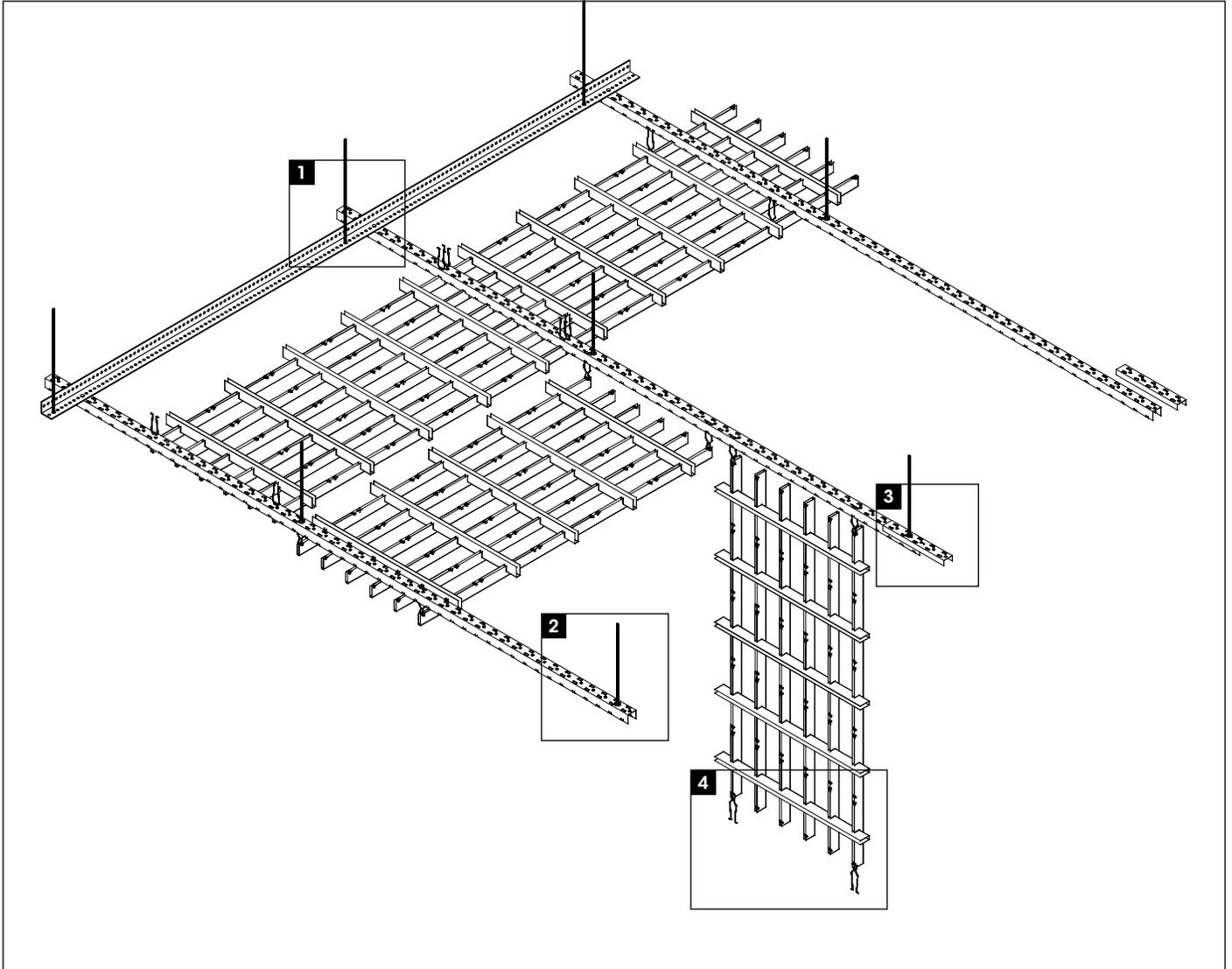
STARLAM is a decorative open cell ceiling characterized by its linearity and suitable for a host of applications.

---

## STARLAM

OPEN CELL CEILING





STARLAM is an open, decorative ceiling system, available in different colors. The design allows the lower blades to run in one direction with the upper blades set back and running at right angles.

The special configuration creates a pronounced linear effect, which can be enhanced with the integration of lighting both above or within the ceiling enabling attractive patterns to be created. The effects can range from intense spotlighting to subdued background illumination.

The metal ceiling contributes directly to Green Building / LEED certification.

For further information please refer to [durlum.us](http://durlum.us)



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**SURFACE**

**Main blades:** White, black, RAL 9006

Other colors available on request

**Secondary blades:** Black

**Material:** Aluminium

**DIMENSIONS**

**Panel size**

2' x 4' [609.6 x 1219.2mm]

**Main blades**

Width: 5/32" [4mm]

Height: 1 21/32" [42mm]

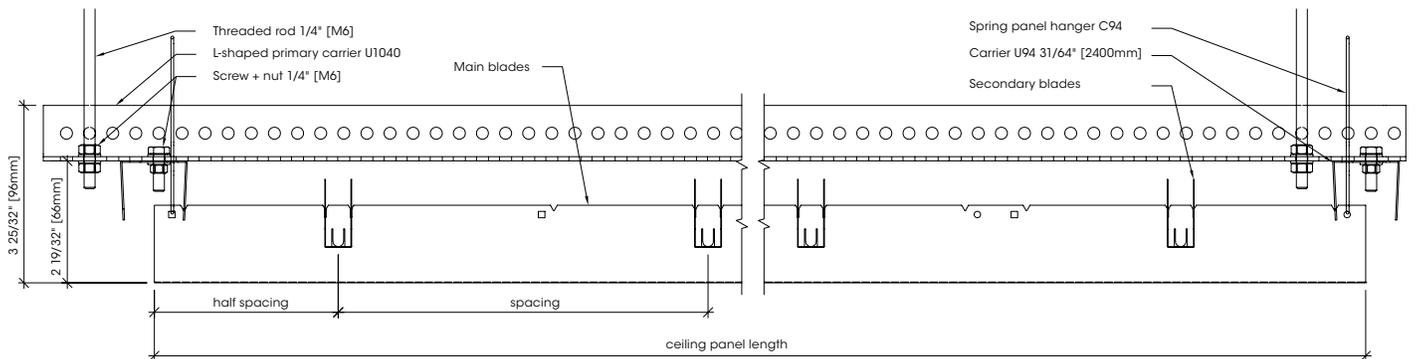
Blade spacing: 1 3/16"; 1 19/32"; 2" [30.5; 40.6; 50.8mm]

**Secondary blades**

Width: 19/32" [15mm]

Height: 1 15/32" [37mm]

Blade spacing: 9 19/32" [243.8mm]







# TICELL

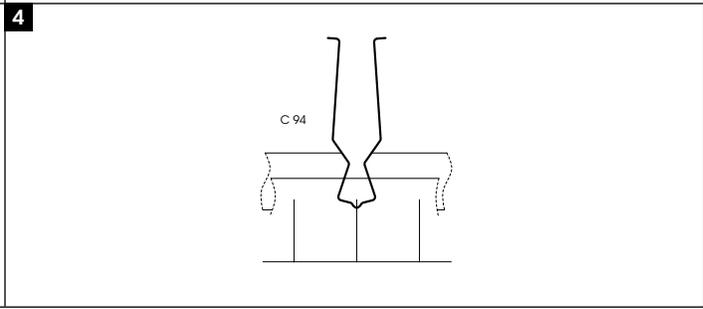
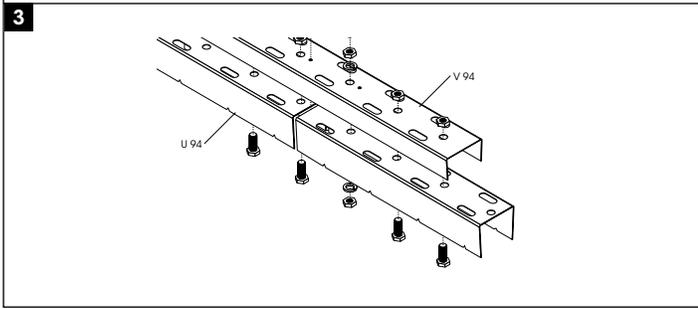
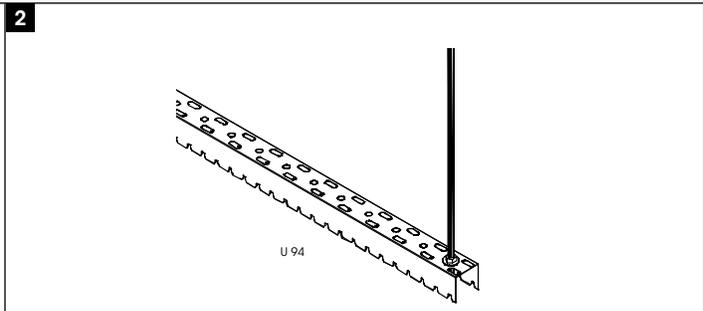
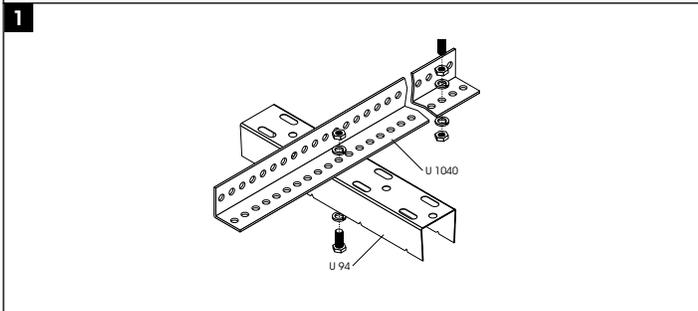
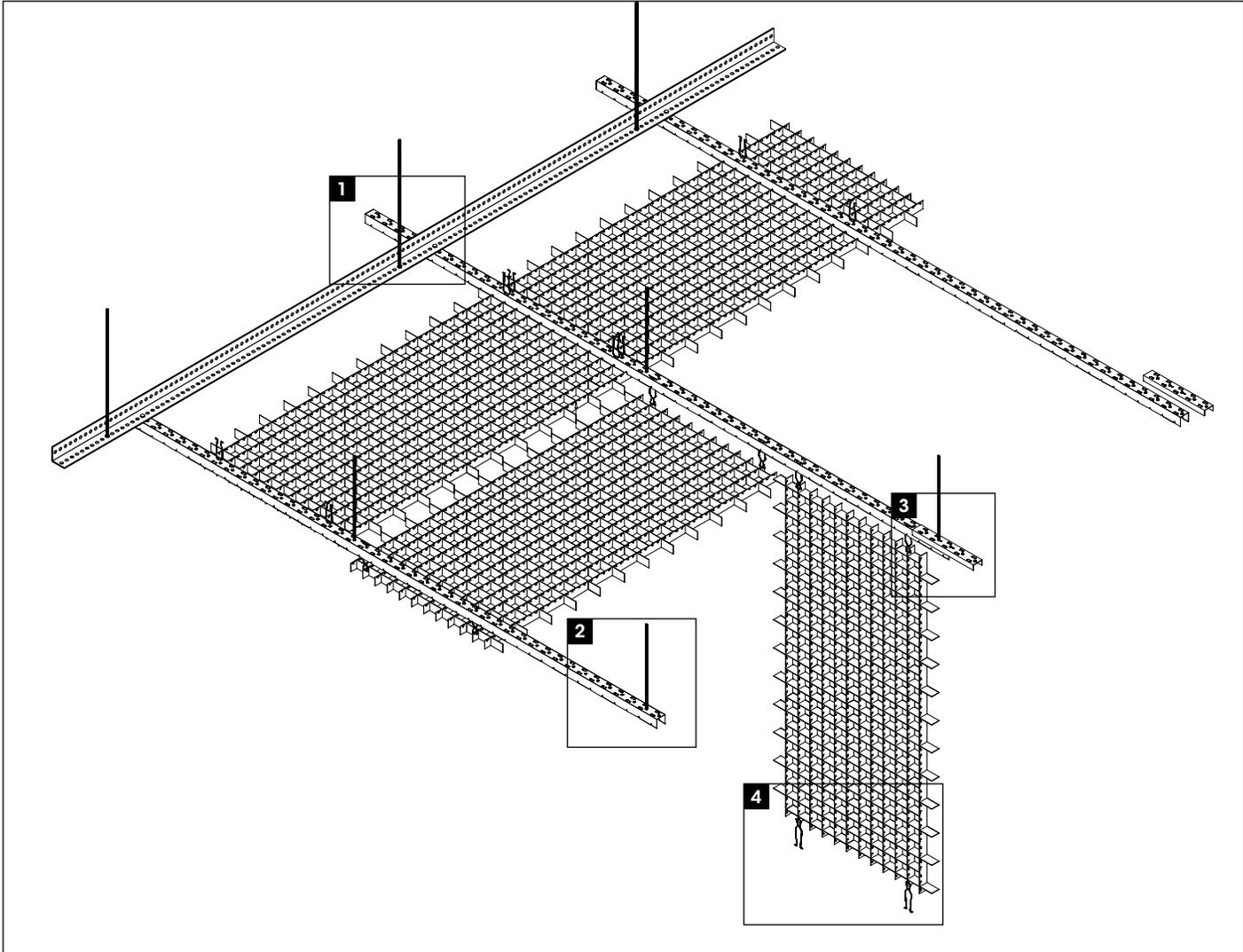
With its woven like structure finish TICELL distinguishes itself from other open-cell ceilings creating a feeling of open-space.

---

## TICELL

OPEN CELL CEILING





TICELL is a decorative single blade open cell ceiling system manufactured from perforated aluminium blades, pressed together, available in white, black or natural anodized finish. The panels are non combustible and light in weight.

The unique process in the way the aluminium blades are punched creates a woven structure finish; this results in daylight reflecting off the exposed perforated edges producing a radiant effect. TICELL is available in two cell sizes to assist in obtaining the cut-off angle required to suit the individual requirement to hide any services within the ceiling void.

For further information please refer to [durlum.us](http://durlum.us)

**SURFACE**

**Color:** White, black and natural anodized aluminium  
Other colors available on request

**Material:** Aluminium

**DIMENSIONS**

**Panel size**

1'-11 5/8" x 3'-11 1/4" [600 x 1200mm]

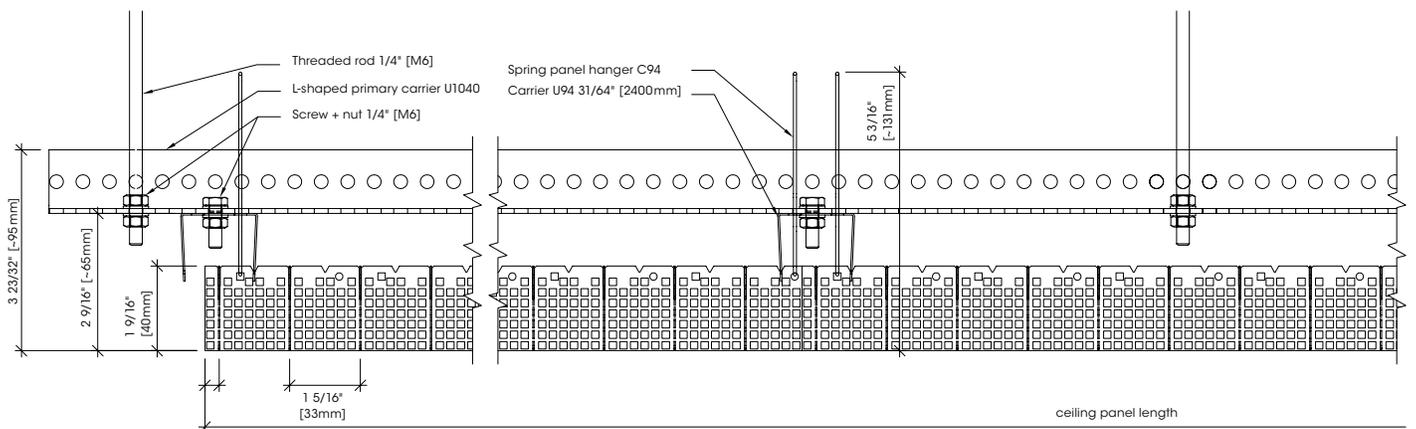
**Main blades**

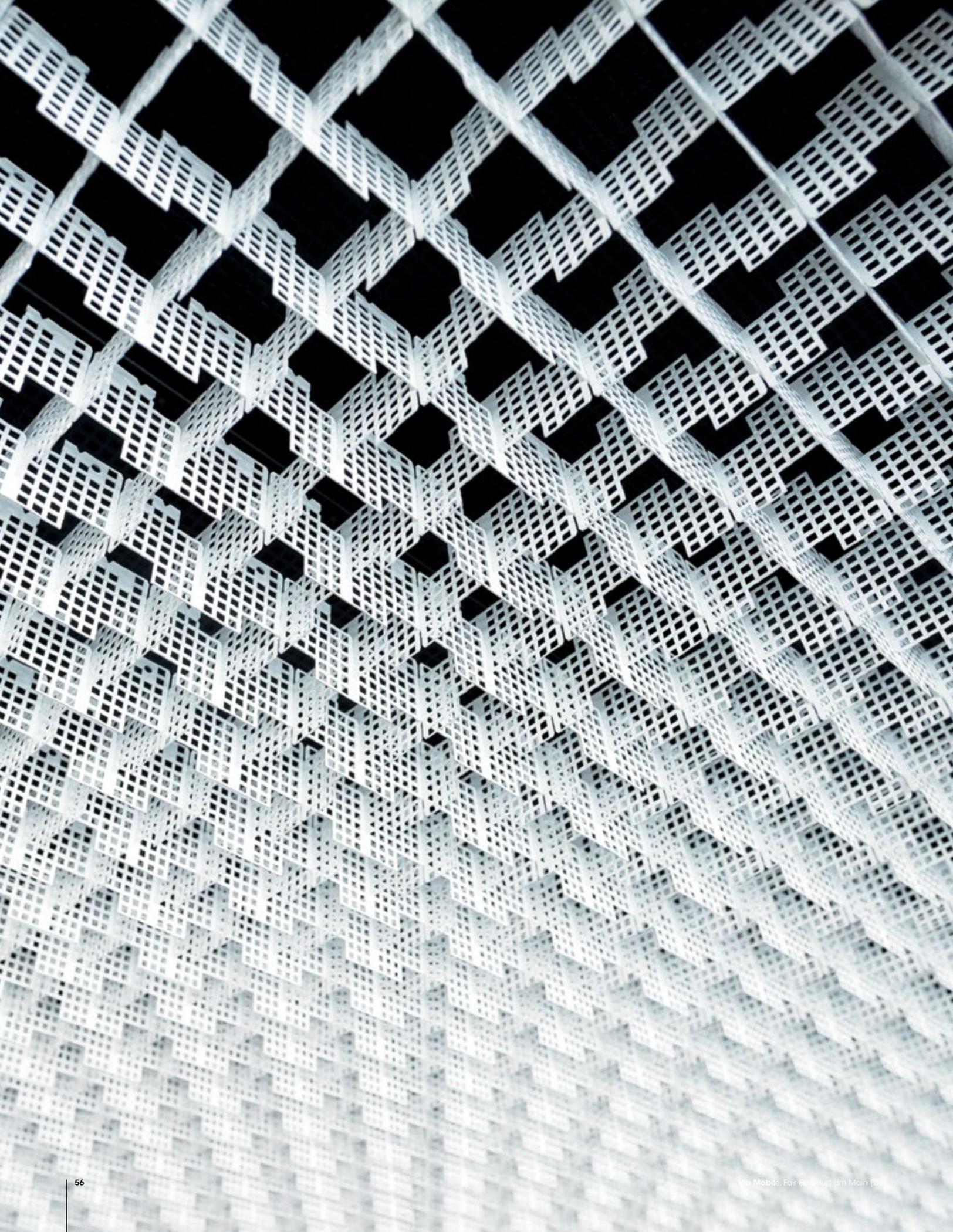
Width: 1 5/16" [33mm]

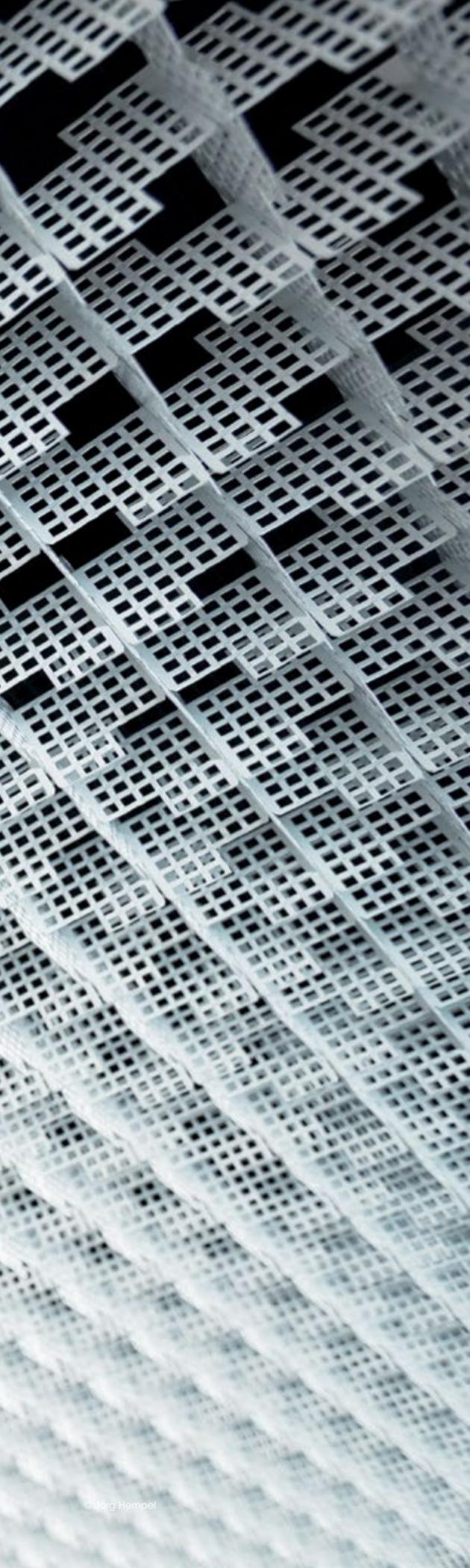
Height: 1 9/16" [40mm]



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# TICELL-N

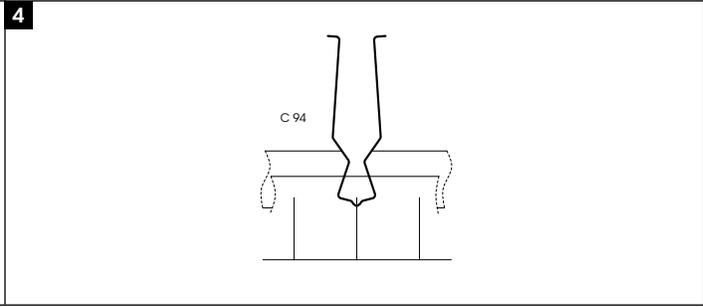
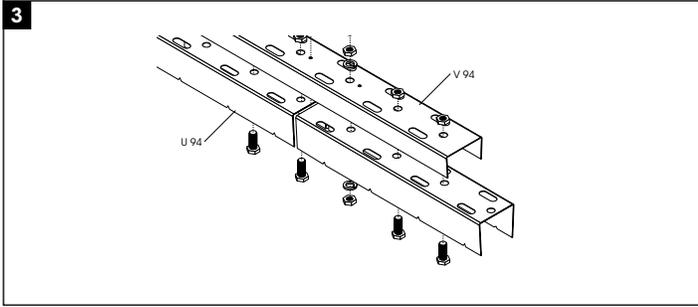
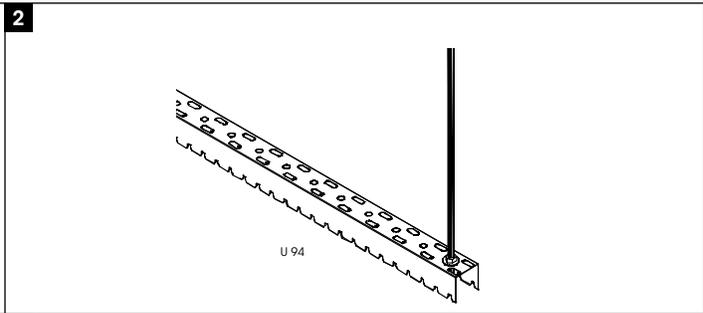
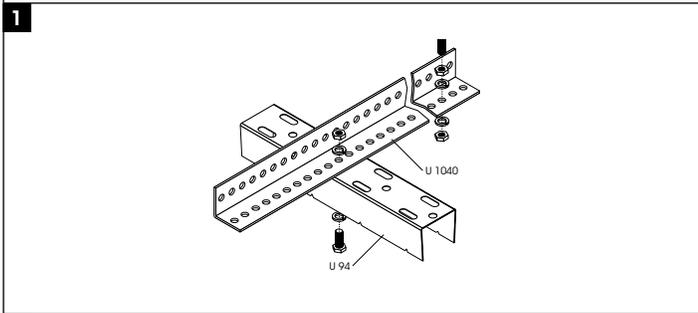
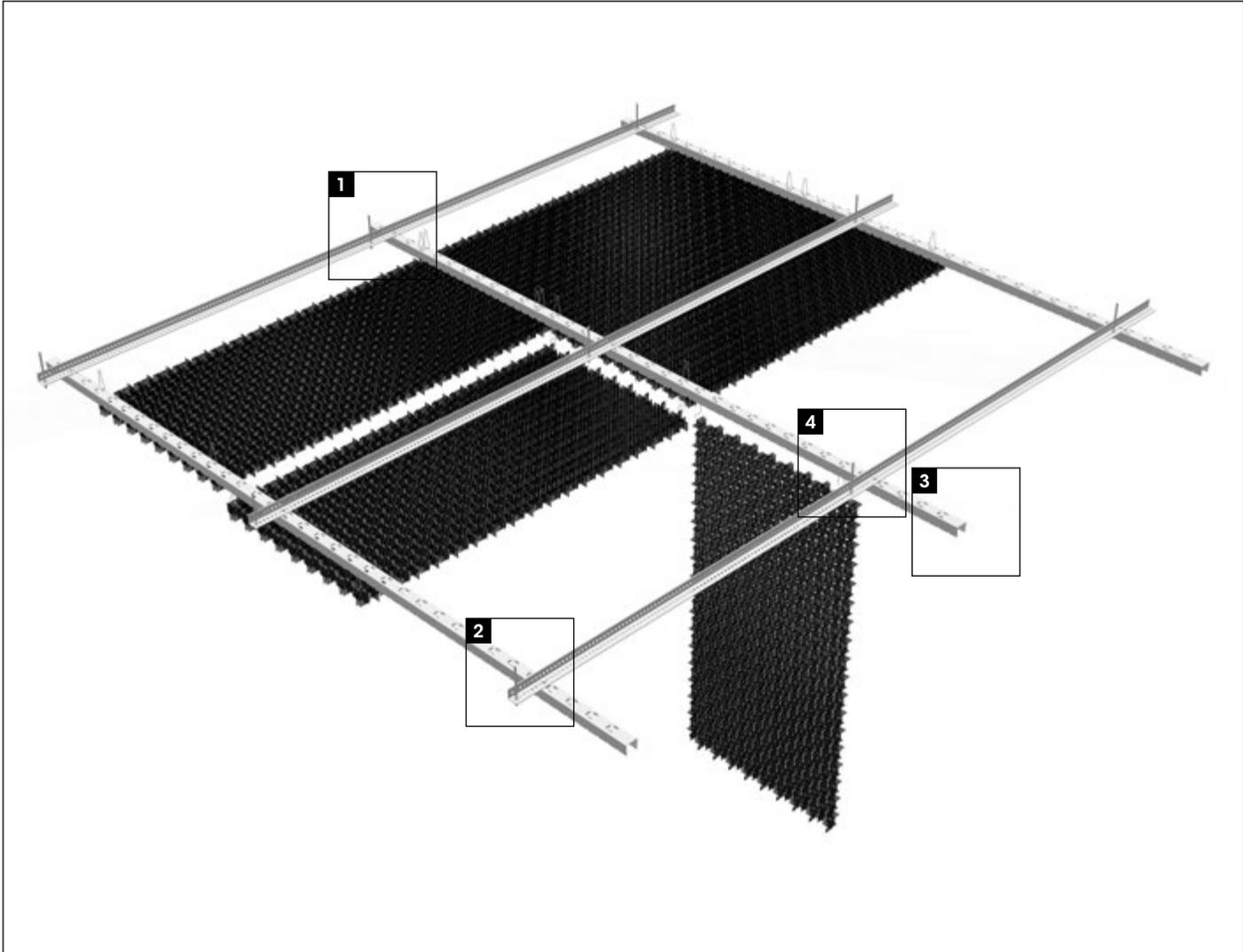
TICELL-N stands out due to its unique design. Its woven structure finish combined with specially cut-out cells provide an airy, transparent and wave-like appearance of the ceiling.

---

## TICELL-N

OPEN CELL CEILING





TICELL-N is a decorative single blade open cell ceiling system manufactured from perforated aluminium blades pressed together, available in white, black or natural anodized finish. The panels are non combustible and light in weight.

The unique process in the way the aluminium blades are punched creates a woven structure finish; this results in daylight reflecting off the exposed perforated edges producing a radiant effect. TICELL-N is available in two cell sizes to assist in obtaining the cut-off angle required to suit the individual requirement to hide any services within the ceiling void.

For further information please refer to [durlum.us](http://durlum.us)

**SURFACE**

**Color:** White, black and natural anodized aluminium  
Other colors available on request

**Material:** Aluminium

**DIMENSIONS**

**Panel size**

1'-11 13/16" x 3'-11 11/16" [605 x 1211mm]

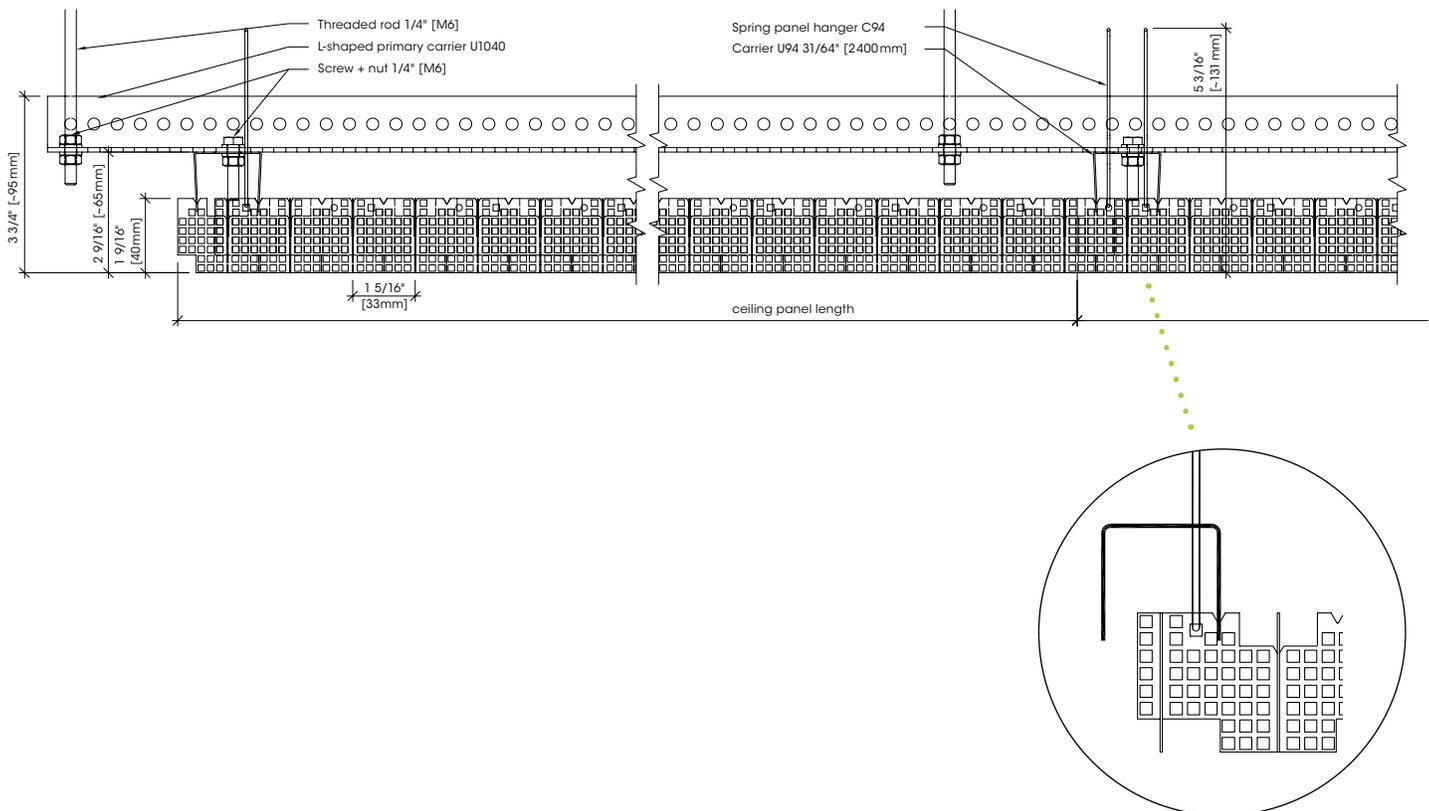
**Main blades**

Width: 1 5/16" [33mm]

Hight: 1 9/16" [40mm]



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# PERFORATIONS & dur-GRAPHICS



# PERFORATIONS

Metal ceilings are perforated for technical and architectural reasons. durlum metal ceilings can be perforated with different patterns [see following pages]. Special perforations are optional.

The perforated metal ceilings can be provided with bonded durlum acoustic fleece. Other materials for acoustic absorption may be available upon request, such as mineral wool or foamed material.

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## PERFORATIONS

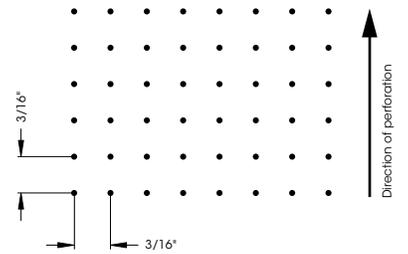
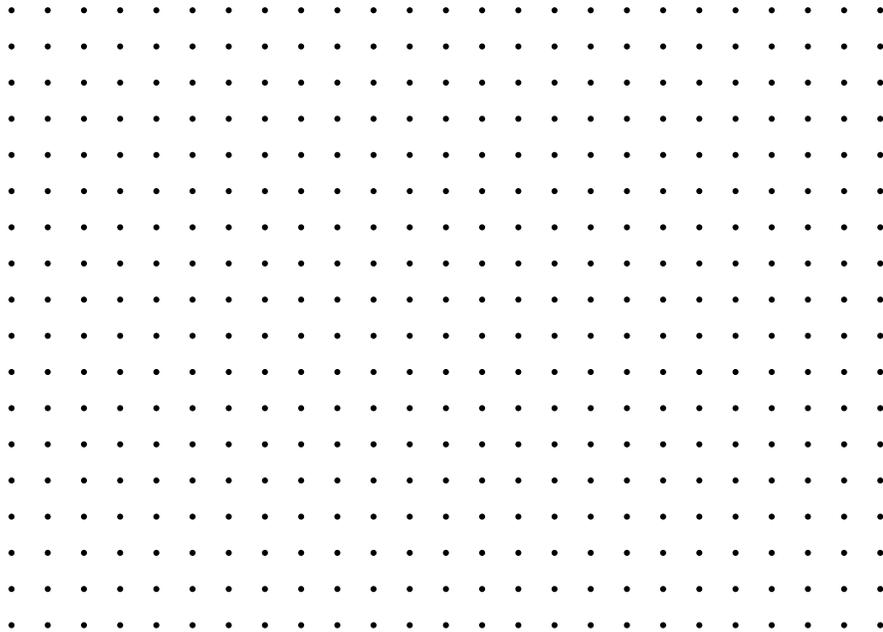
ROUND HOLES



# PERFORATIONS

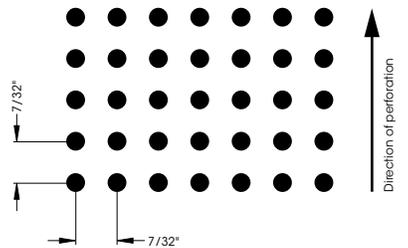
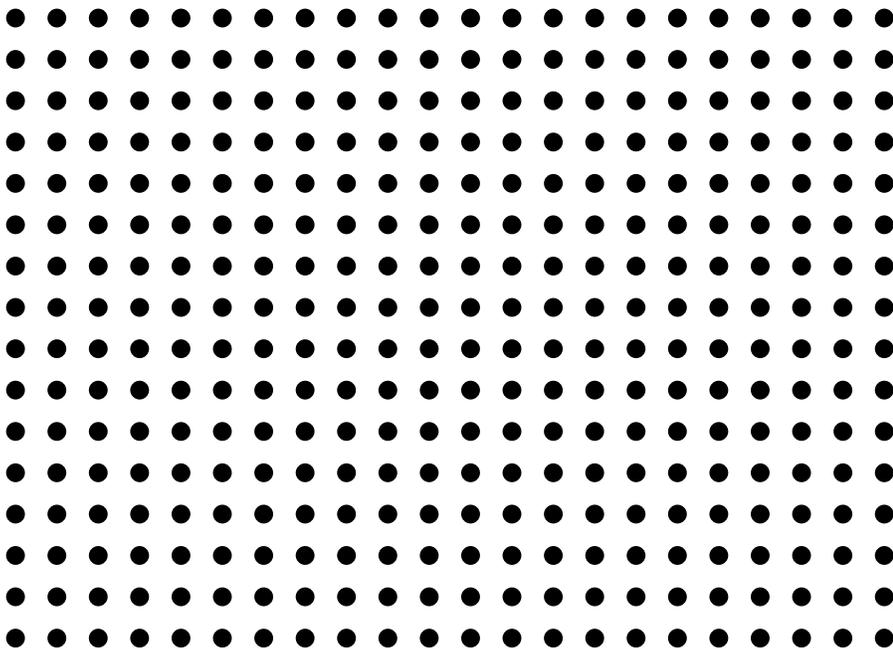
ROUND HOLES STRAIGHT

## MICRO PERFORATION RG-L08 "PICO POINT"



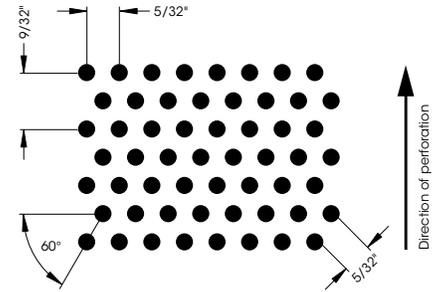
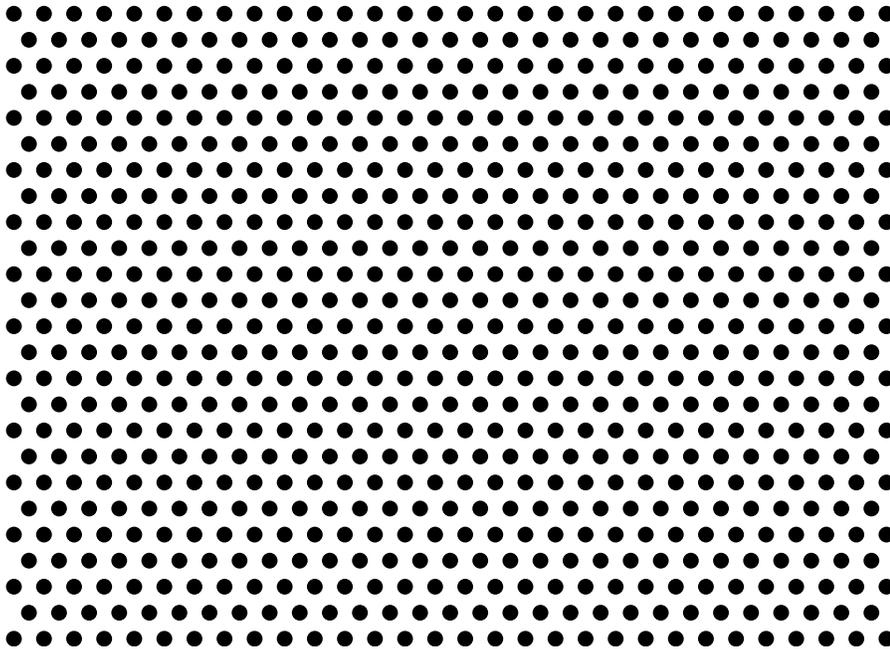
Hole diameter: ..... 1/32" [0.8 mm]  
 Open area: ..... 2.18 %  
 Max. width of  
 perforation: ..... 4'-2 1/16" [1 272 mm]  
 Max. plate width: ..4'-7 1/8" [1 400 mm]

## PERFORATION RG-L15



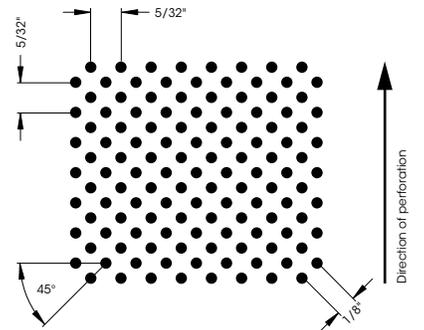
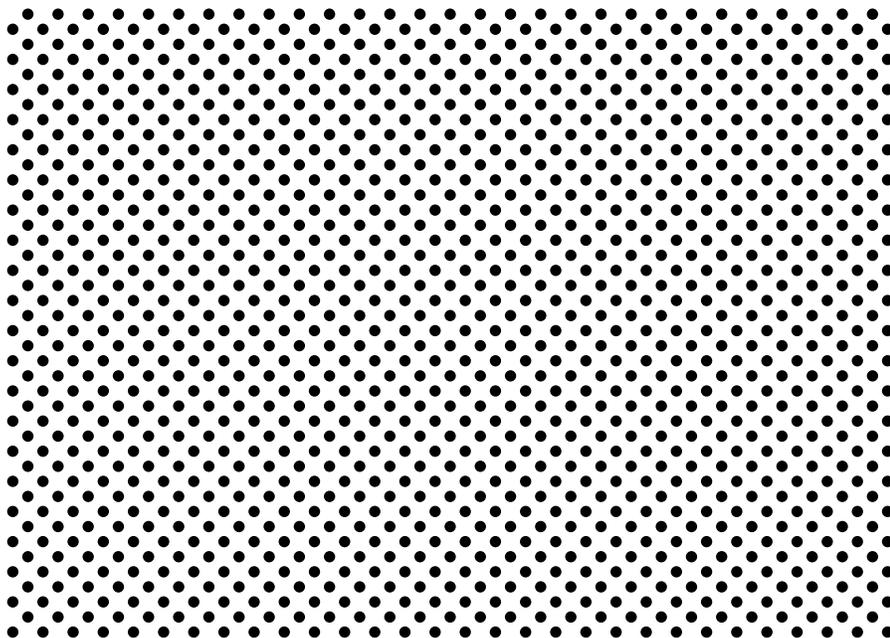
Hole diameter: ..... 3/32" [2.5 mm]  
 Open area: ..... 16.20 %  
 Max. width of  
 perforation: ..... 4'-8 3/4" [1 441 mm]  
 Max. plate width: ..4'-7 1/8" [1 400 mm]

PERFORATION RV-L6



Hole diameter: .....3/32" [2.1 mm]  
 Open area: .....25.00%  
 Max. width of  
 perforation: ..... 4'-9 5/8" [1 464mm]  
 Max. plate width: ....4'-7 1/8" [1 400mm]

PERFORATION RD-L30



Hole diameter: .....1/16" [2.1 mm]  
 Open area: .....25.00%  
 Max. width of  
 perforation: .....4'-8 11/16" [1 440mm]  
 Max. plate width: ....4'-7 1/8" [1 400mm]





## dur-GRAPHICS

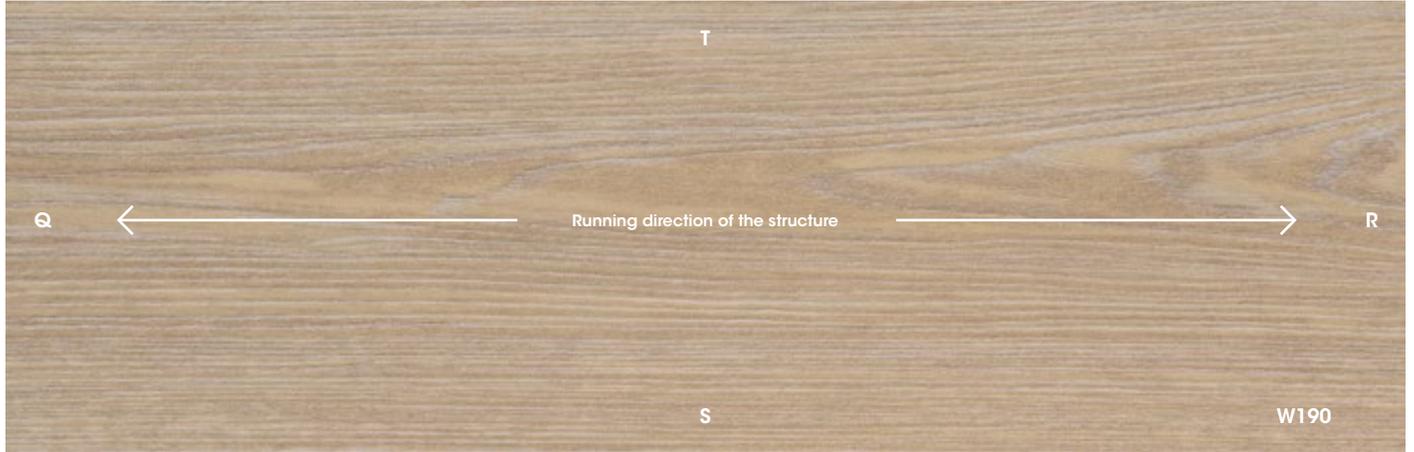
The dur-GRAPHICS printing technology by durlum gives creative possibilities to customize the metal ceilings and area lightings individually. Textures, motives or inscriptions – dur-GRAPHICS create architectural accents.

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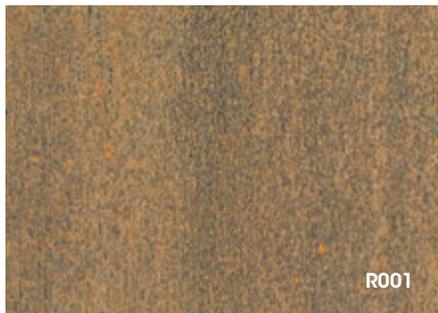
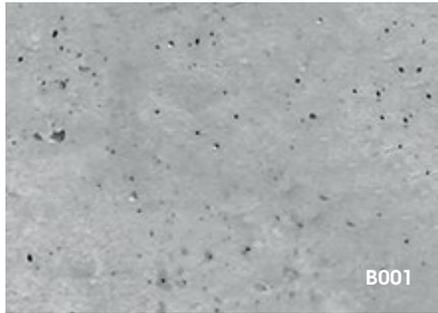
### dur-GRAPHICS

IMPRINTED SURFACES





Whitewashed oak



B001 Concrete  
R001 Rust  
W150 Beech

W160 Teak  
W170 Oak  
W200 Walnut

W210 Cherry  
W220 Spruce  
W230 Grey oak

dur-GRAPHICS gives you unprecedented individual design freedom for metal ceilings and surface lighting. Thus, different textures, patterns, images or inscriptions can be printed to create an individual character for your ceiling.

We use optimal templates to get the best possible printing results. For individual motifs or textures, please note that ceilings are observed from a certain distance. Therefore, very fine textures cannot be distinguished from a certain distance and appear as a solid coloured surface.

### CUSTOM DESIGN

Realistic, decorative or functional – there are numerous motifs for a metal ceiling or a lighting surface. Our prints are adapted to the indoor zone and may be covered on request with a protecting lacquer. Create a special room like no other!

### DUROPLAN DESIGNS

With a durlum texture printing, you can create a special atmosphere in the room. Our textures library comprises pictures of often used materials like wood or concrete. Of course, if you want a special texture, we can print it as well.

### DIMENSIONS

Maximum print area: 118 1/8" x 59 1/16" [3.000 x 1.500mm]  
Maximum material thickness: 3 3/4" [95mm]

### PRINTABLE MATERIAL

Metal, glass, plastic and luminaire cover DUROSATIN®

### PRINT QUALITY

**Printing ink**  
CMYK + white [optional]

**Fine Art:** 600 x 900 dpi  
Good resolution for small print runs to photographic standards to the highest levels of detail and with extremely subtle colour graduations.

**Production:** 400 x 400 dpi  
Good resolution for high print runs with full-surface motifs and middle to high level of detail.

### PRINTING DATA

**Vector graphics**  
Loss-free scalable graphics, ideal for graphic motives like logos, etc.  
Data formats: pdf, ai, eps, dwg, svg

**Pixel graphics**  
Images scalable with loss of quality, ideal for photorealistic motives.  
Optimal resolution: end format with 300 dpi  
Data formats: psd, tiff, jpg

[For further information please refer to durlum.us](https://durlum.us)



# REFERENCES

















# GENERAL INFORMATION

## GREEN BUILDING / LEED



durlum metal ceilings contribute directly to LEED and other GREEN BUILDING certifications. Typically applicable credits under LEED v4:

- Recycled Content – post- & pre-consumer info
- VOC Emissions – conformity with all VOC requirements as per AgBB
- Acoustic Performance – sound absorption with acoustic fleece
- Environmental Product Declaration – available for all metal ceiling systems

No substances as outlined in the US Living Building v.3 Red List are internationally used.

Learn more: [greenbuilding@durlum.com](mailto:greenbuilding@durlum.com)

## TECHNICAL STANDARDS

The parts comply with DIN EN 13964 as well as ASTM C635 and ASTM E1264. Production complies with the TAIM and CISCA guidelines and the durlum works standards and is quality controlled by the TÜV according to ISO 9001:2008 and ISO 14001:2004.

## FIRE PERFORMANCE

In accordance with ASTM E84 Flame Spread Index for steel is 25 or less and Smoke Developed Index for steel is 50 or less.

## MASTER FORMAT



durlum metal ceilings fall under the master format section 09 50 00 ceilings.

When the ceiling panels are supplied perforated and with sound absorption materials, they could be more specifically listed under section 09 51 33 Acoustical Metal Pan ceilings.

## INSTALLATION – PLEASE NOTE

Installation must be carried out by qualified and trained staff according to the instructions for installation. These are available as download at [durlum.us](http://durlum.us).

## CLEANING

As standard, durlum ceiling panels are made with an electrostatic polyester powder coating, thus providing them with a long-term finish. The powder-coated surface should always be cleaned wearing clean gloves. First clean it with a soft, dry cloth. If dirt cannot be removed by this procedure, the cloth can also be moistened, with the addition of a pH-neutral cleaner [household detergent], if necessary. Contact of the powder coating with both alkaline and acid substances must be avoided. Metallic powder coatings show a particularly sensitive reaction. Due to the risk of a change in hue or effect, for metallic coatings a suitability test must be performed.



All measurements in inches and mm. We reserve the right to make alterations in dimensions or design.

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Concept & Design: krauss&winterlin

