



LUXALON®

# Cell Ceiling

Hunter Douglas Cell Ceilings enable architects to design an open ceiling with high-performance aluminium. With a wide variety of cells and patterns, these ceilings offer maximum freedom in design.



africa  
aluminium  
structural systems

Namibian Appointed Distributor – Authorised installer

Tel +264 61 218611 | Fax + 264 61 215560

[www.africaaluminium.com](http://www.africaaluminium.com)

12 Ruhr Street – Northern Industrial Area

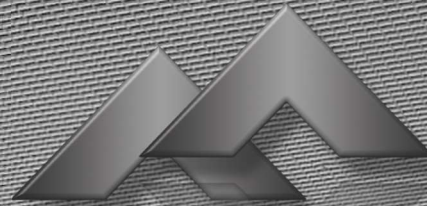
Windhoek Namibia

**HunterDouglas**

CEILING

# Cell Ceiling

Endless possibilities



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aluminium  
structural systems

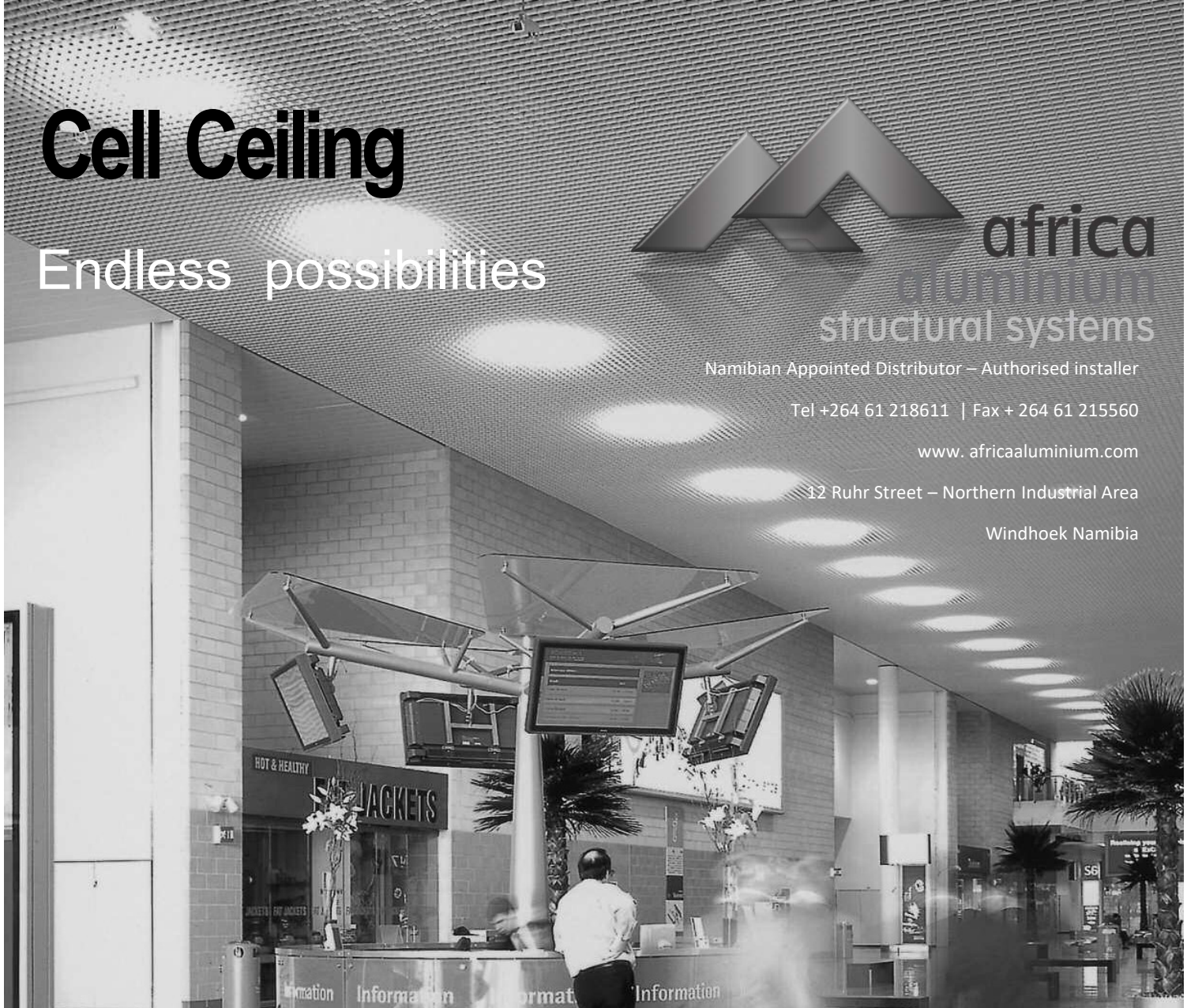
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## DESIGN FLEXIBILITY

Cell Ceiling systems create an spacious appearance ideal for interior designs where open, light constructions are desired. They make it easy to create different modules in one ceiling and are ideal for very small plenum depths. Systems are available as sliding, hook-in, swing-down or tile. Modules vary from 17 x 17 mm to 200 x 300 mm. A wide range of colours and finishes are available, and special colours can be provided upon request.

## DURABILITY

Manufactured from 0.35, 0.4, 0.5, or 0.6 mm thick pre-painted aluminium coil, Cell Ceilings are finished with a polyester paint to provide a long, low-maintenance life. The coating is stove-enameled in a continuous coil-coating process to ensure uniform thickness and absolute adhesion.

## EASY PLENUM ACCESS

The panels can be easily (de)mounted by hand, allowing for full interaction with systems and installation in the plenum.

## FIRE BEHAVIOUR

All Luxalon® metal suspended ceilings are classified A2, s1, d0 according to EN 13501-1. Hunter Douglas Open Cell creates a ceiling through which large amounts of air and or smoke can be extracted, a distinct advantage in escape routes where the clearest visibility is required.



Our Open Cell Ceilings help define a space and create interesting shadows and lighting effects. Available in a range of sizes and colours, our Cell Ceilings provide a plenum mask that ensures creativity is the focal point.

We offer two Open Cell Ceilings:

- Cell tiles, a standard-sized product
- Cell systems, flexible and modular

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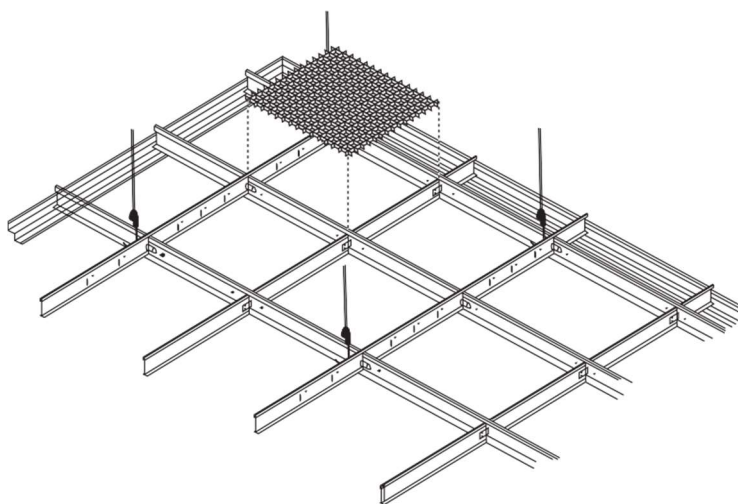


## TILES

These square or rectangular tiles are available in four styles. Their small size and the available variety of types help give the ceiling a highly decorative aspect.

## SUSPENSION

The 600 x 600 mm or 600 x 1200 mm tiles are laid on, laid in, or concealed on a T24 or T15 grid.



1. Lay-on (T24/T15)



2. Lay-in (T24/T15)

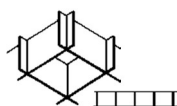


3. Concealed (T24)

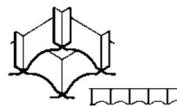


## STYLE TYPES

**Focal** : the face is flat  
**Wave** : the face is undulating  
**Crête** : the face has an angular pattern  
**Piquée** : the face is flat, the strips are perforated with vertical oblong perforations



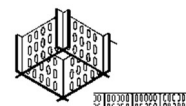
Type Focal



Type Wave



Type Crête



Type Piquée

## MODULES AND WEIGHT

Tiles are made from 0.6 mm thick aluminium strip.

*Other modules and heights available.*

## WEIGHT (KG/M²)

Module	20 x 20	25 x 25	30 x 30	40 x 40	50 x 50
Height 20	3.36	2.85	2.28	1.59	
Height 25		3.35	2.77	2.10	1.68

## MODULES AND HEIGHTS (Availability)

The modules and style types are available in white, aluminium and black.

*Other modules and heights available.*

Module	Height		
17 x 17	17	50 x 50	25
20 x 20	17	60 x 60	25
25 x 25	17	30 x 30	30
20 x 20	20	35 x 35	30
25 x 25	20	40 x 40	30
30 x 30	20	50 x 50	30
35 x 35	20	60 x 60	30
40 x 40	20	50 x 50	50
25 x 25	25	55 x 55	50
30 x 30	25	60 x 60	50
35 x 35	25	75 x 75	50
40 x 40	25	90 x 90	50
		100 x 100	50

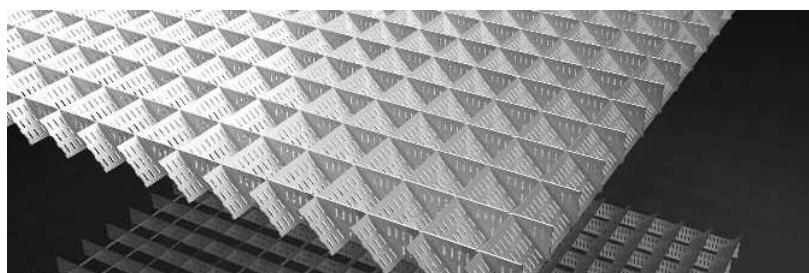
## NUANO

Type Piquée with inclined profiles at 45°.  
 These tiles create special decorative light effects.

Standard module 30 x 34 mm

Height 20 mm

*Other modules on request.*



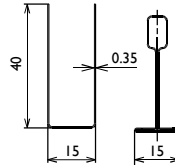
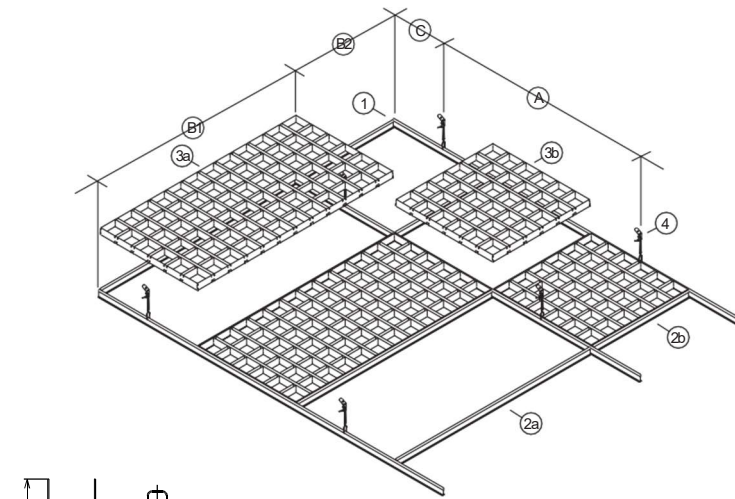
# T15

## TILES

The T15 tiles are assembled from aluminium U-profiles.

## SUSPENSION

The 600 x 600 mm or 600 x 1200 mm tiles are laid in a T15 grid.

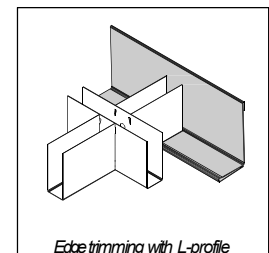
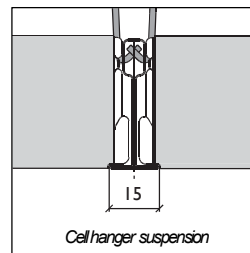
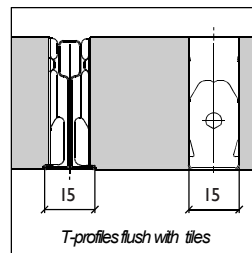
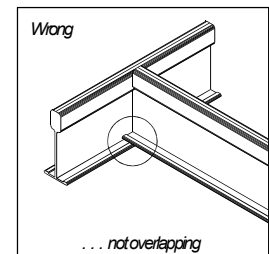
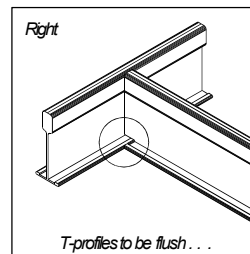
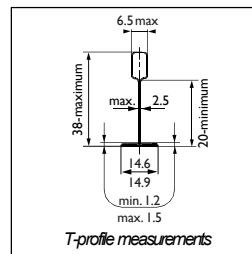


- 1 = Main T-profile 3600
- 2a = Cross T 1200
- 2b = Cross T 600
- 3a = Cell tile 1200 x 600
- 3b = Cell tile 600 x 600
- 4 = Cell hanger

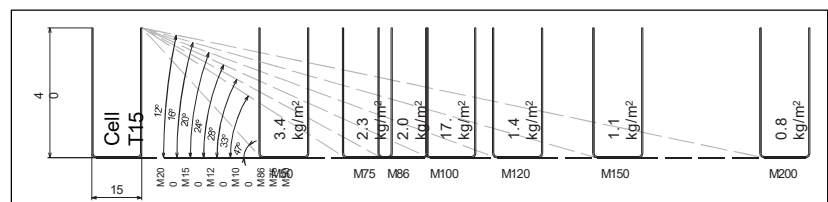
- A = 1200 mm (max)
- B1 = Tile length (standard 1200)
- B2 = Tile length (standard 600)
- C = 300 mm (max)

## CONSTRUCTION DETAILS

The standard L edge profile can be used



## MODULES, WEIGHTS AND VIEWING ANGLE



## MODULES AND HEIGHTS (Availability)

The panels are made from 0.35 mm thick aluminium strip.

Module	Height		
50 x 50	40	100 x 100	40
75 x 75	40	120 x 120	40
86 x 86	40	150 x 150	40
		200 x 200	40

## MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

	Unit	Cell T15 Tile 1200 x 600	Cell T15 Tile 600 x 600
Cell T15 tiles	pcs	1.39	2.78
15 mm T-grid (non HD)	lm	2.50	3.34
Cell hangers	pcs	0.69	0.69

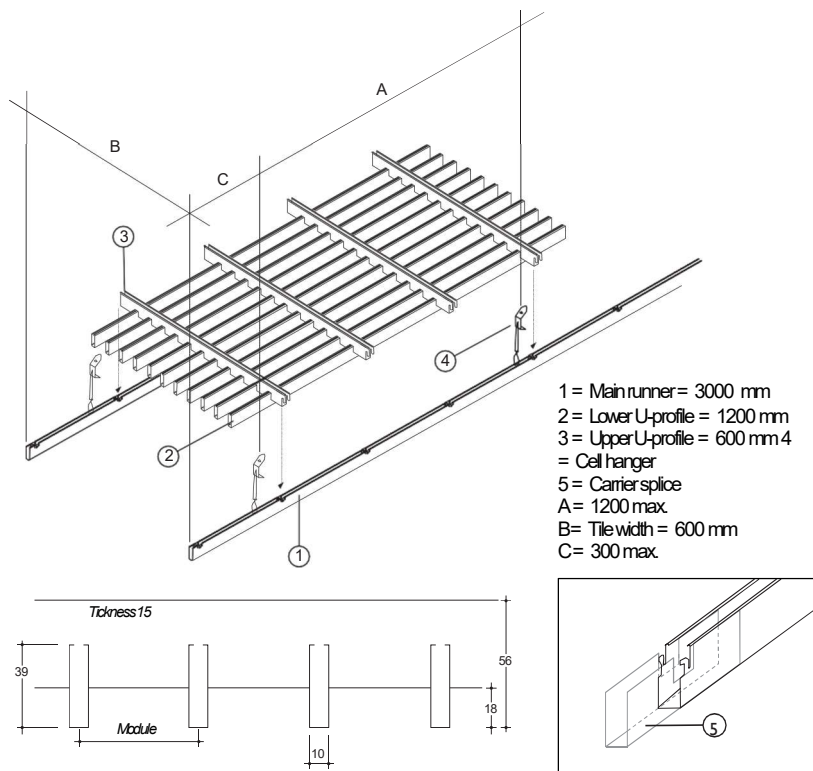
# Linagrid

## PANELS

Linagrid panels (600 x 1200 mm) are pre-assembled from U-shaped aluminium profiles. These profiles are clipped into U-shaped supporting spacer profiles.

## SUSPENSION

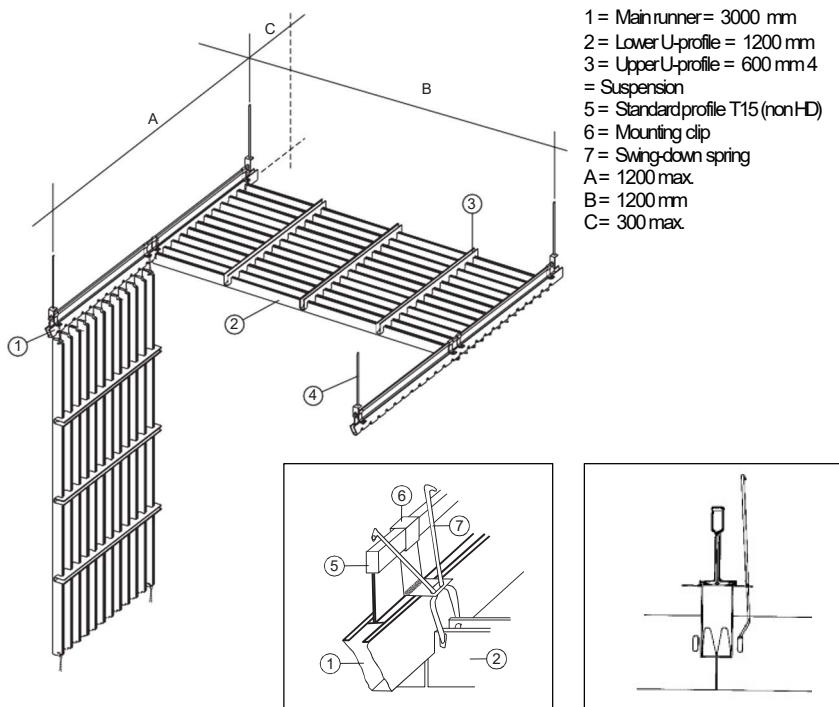
The panels are hung into the suspended U-shaped main runners, forming an economical, integrated linear grid ceiling.



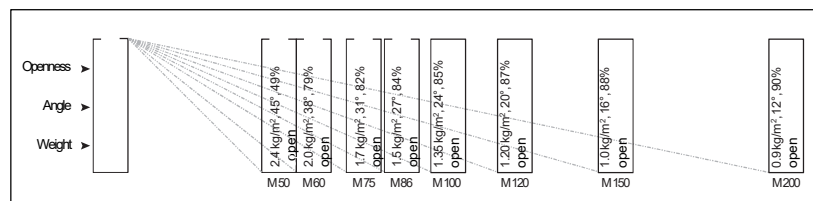
## SWING DOWN SYSTEM

The Linagrid ceiling is also available in a swing-down version, which allows easy interaction with the plenum.

*The standard range of edge profiles can be used. Adapter panels cannot swing down.*



## MODULES, WEIGHTS AND VIEWING ANGLE



## MODULES AND HEIGHTS (Availability)

The panels are made from 0.4 mm thick

aluminium strip.

50 x	100 x 300	56
300 56		
60 x	120 x 300	56
300 56		
75 x	150 x 300	56
300 56		
80 x	200 x 300	56
300 56		

# Cell 40

## PANELS

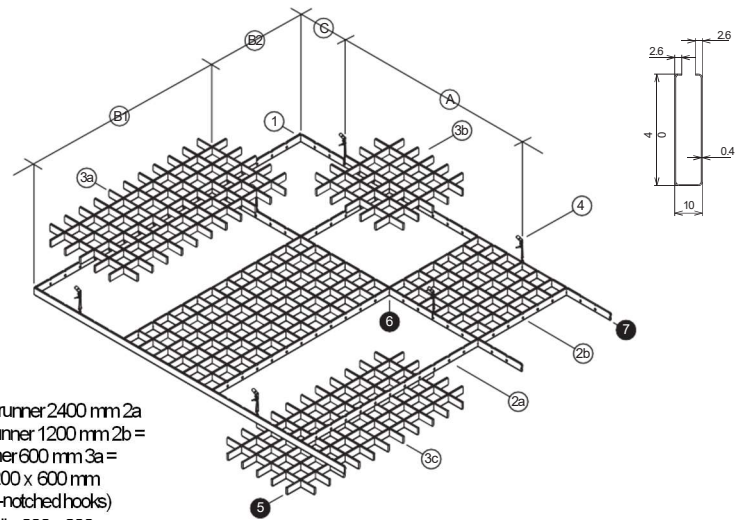
Cell 40 panels are assembled from aluminium U-profiles to create an integrated system.

## SUSPENSION

The 600 x 600 mm or 600 x 1200 mm panel sizes feature an integrated suspension system with main and cross runners made from the same profiles as the cell panel.

- 1 = Main runner 2400 mm 2a = Crossrunner 1200 mm 2b = Crossrunner 600 mm 3a = Cell tile 1200 x 600 mm (pre-notched hooks) 3b = Cell tile 600 x 600 mm (pre-notched hooks) 3c = Cell tile 1200 x 600 or 600 x 600 mm (straight ends, for sliding clip) 4 = Cell hanger

- A = 1200 mm (max.)  
B1 = Tile length (standard 1200)  
B2 = Tile length (standard 600)  
C = 300 mm (max.)

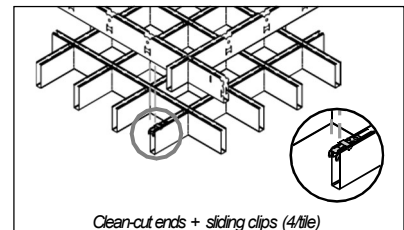
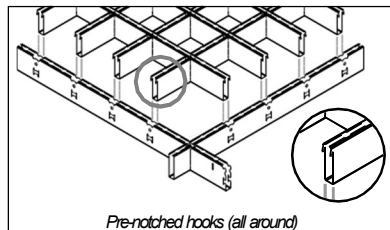
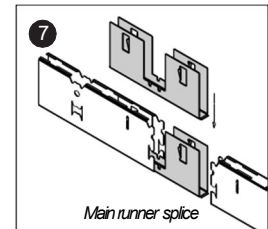
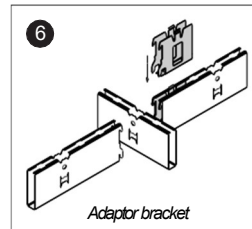
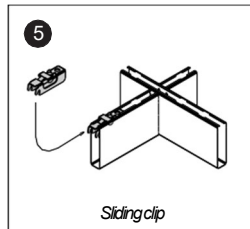


## CONSTRUCTION DETAILS

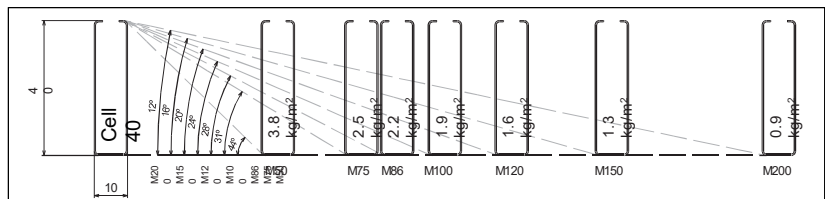
The panel ends can be used in two different installation options:

- Integrated hooks that hook into main and cross runners.
- Clean cut ends accepting sliding clips.

These options can be combined in one ceiling.



## MODULES, WEIGHTS AND VIEWING ANGLE



## MODULES AND HEIGHTS (Availability)

Tiles are made from 0.4 mm thick aluminium strip.

Module	Height	100 x 100	40
50 x 50	40	120 x 120	40
75 x 75	40	150 x 150	40
86 x 86	40	200 x 200	40

## MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

\* only for tiles with straight ends

	Unit	Cell 40 Tile 1200 x 600	Cell 40 Tile 600 x 600
Cell 40 tiles	pcs	1.39	2.78
Main Runners 2400	lm	0.83	1.67
Cross Runners 1200	lm	1.67	
Cross Runners 600	lm		1.67
Sliding Clips*	pcs	5.56	11.12
Splices	pcs	0.35	0.70
Cell Hangers	pcs	0.69	1.39

# Cell 50E

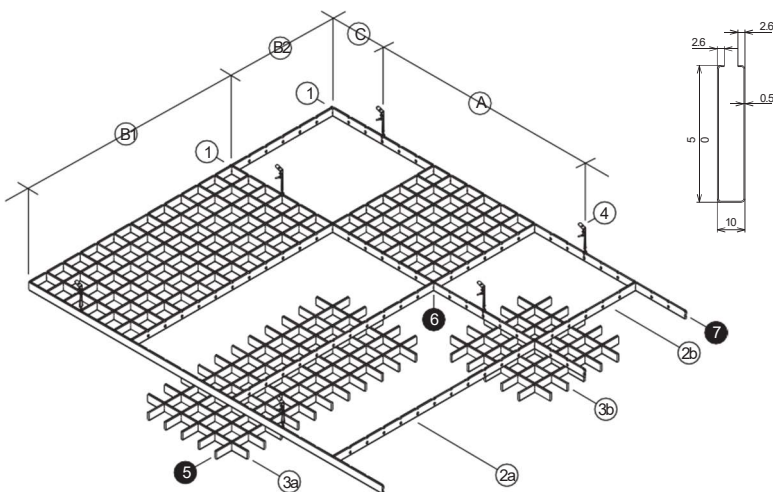
## PANELS

Cell 50E panels are assembled from aluminium U-profiles. They create perfect detailing of the connecting U-profiles, which are designed to conceal uncoated edges.

## SUSPENSION

The 600 x 600 mm and 600 x 1200 mm panels feature an integrated system with main and cross runners from the same profiles as the panels.

The panels are easily (de)mounted with the sliding clips.

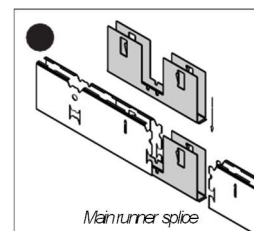
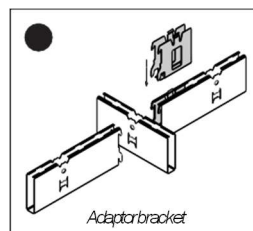
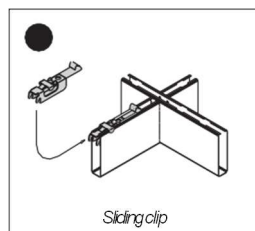


1 = Main runner 2400 mm  
2a = Crossrunner 1200 mm  
2b = Crossrunner 600 mm  
3a = Cell tile 1200 x 600 mm  
3b = Cell tile 600 x 600 mm  
4 = Cell hanger

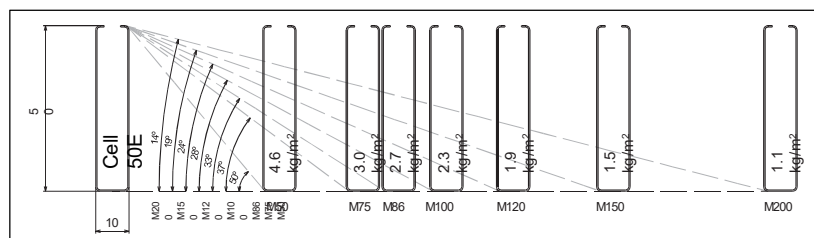
A = 1200 mm (max)  
B1 = Tile length (standard 1200)  
B2 = Tile length (standard 600)  
C = 300 mm (max)

## CONSTRUCTION DETAILS

The standard range of edge profiles can be used.



## MODULES, WEIGHTS AND VIEWING ANGLES



## MODULES AND HEIGHTS (Availability)

Tiles are made from 0.4 mm thick aluminium strip.

## MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

Module	Height	100 x	
		100	50
50 x		120 x	
50	50	120	50
75 x		150 x	
75	50	150	50
86 x		1200 x 600	
86	50	1200	600
Cell 50E tiles	pcs	200 x 1.39	2.78
Main Runners 2400	lm	200 0.83	50 1.67
Cross Runners 1200	l	1.67	
Cross Runners 600	m		1.67
Sliding Clips	pcs	5.56	11.12
Splices	pcs	0.35	0.70
Cell Hangers	pcs	0.69	1.39



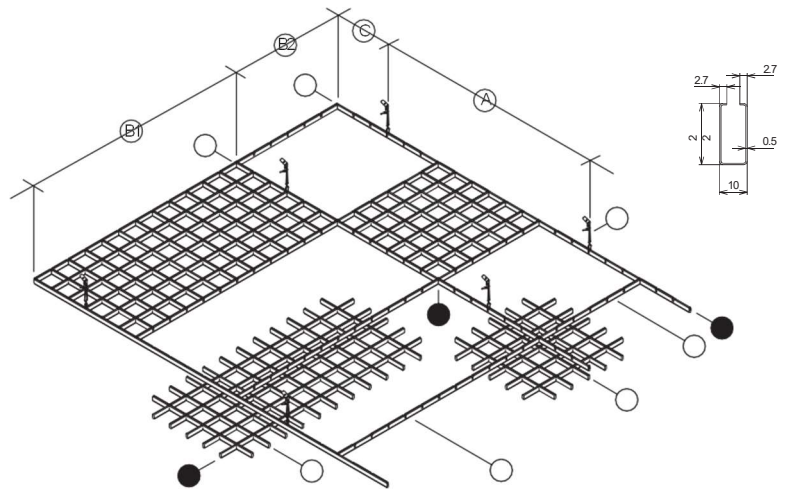
# Cell 22

## PANELS

Cell 22 panels are assembled from aluminium U-profiles and create perfect detailing of the connecting U-profiles, which are designed to conceal uncoated edges.

## SUSPENSION

The 600 x 600 mm and 600 x 1200 mm panels feature an integrated system with main and cross runners from the same profiles as the panels. The panels are easily (de)mounted with the sliding clips.

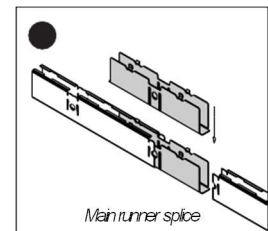
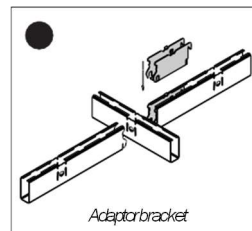
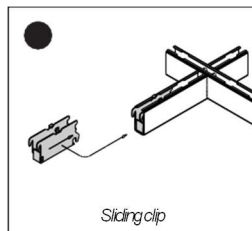


1 = Main runner 2400 mm  
2a = Crossrunner 1200 mm  
2b = Crossrunner 600 mm  
3a = Cell tile 1200 x 600 mm  
3b = Cell tile 600 x 600 mm  
4 = Cell hanger

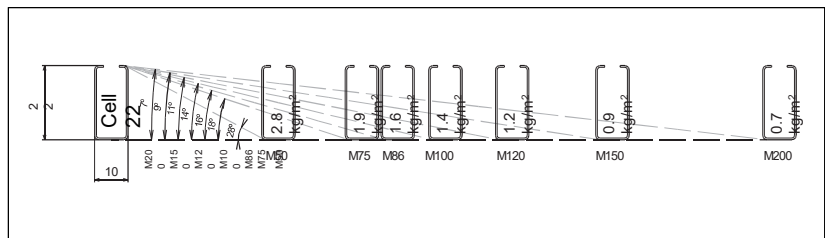
A = 900 mm (max)  
B1 = Tile length (standard 1200)  
B2 = Tile length (standard 600)  
C = 300 mm (max)

## CONSTRUCTION DETAILS

The standard range of edge profiles can be used.



## MODULES, WEIGHTS AND VIEWING ANGLES



## MODULES AND HEIGHTS (Availability)

Tiles are made from 0.5 mm thick aluminium strip.

Module	Height	100 x	120 x	150 x	200 x	Unit	Ceiling
50	22	100	120	150	200	pcs	1.
75	22					lm	0.
100	22					lm	1.
125	22					lm	1.
150	22					lm	1.
200	22					lm	1.
200	22					pcs	8.
200	22					pcs	0.
200	22					pcs	0.

# Cell 50

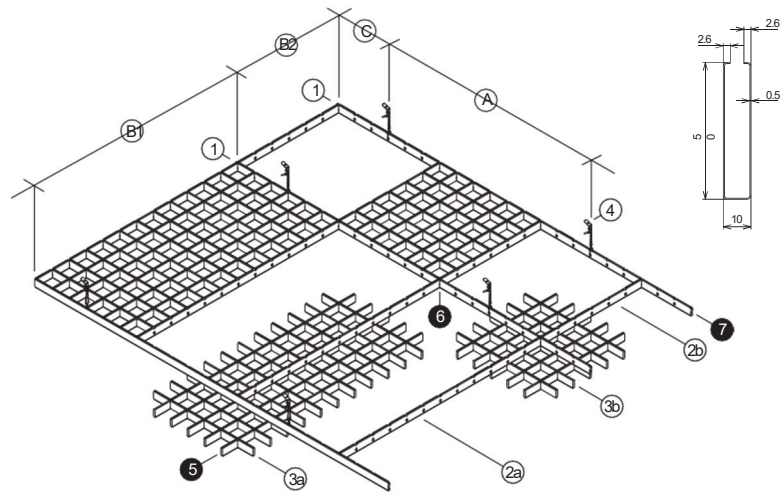
## PANELS

Cell 50 panels are assembled from aluminium U-profiles and create perfect detailing of the connecting U-profiles, which are designed to conceal uncoated edges.

## SUSPENSION

The 600 x 600 mm and 600 x 1200 mm panels feature an integrated system with main and cross runners from the same profiles as the panels.

The panels are easily (de)mounted with the sliding clips.

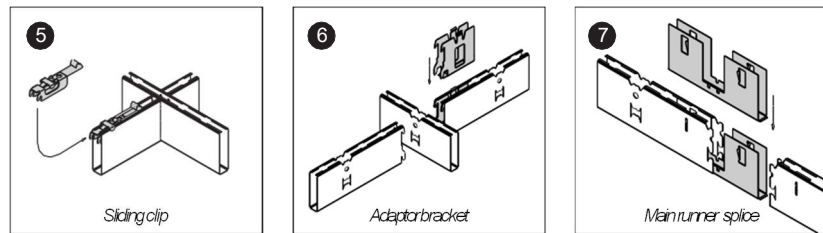


1 = Main runner 2400 mm 2a = Crossrunner 1200 mm 2b = Crossrunner 600 mm 3a = Cell tile 1200 x 600 mm 3b = Cell tile 600 x 600 mm 4 = Cell hanger

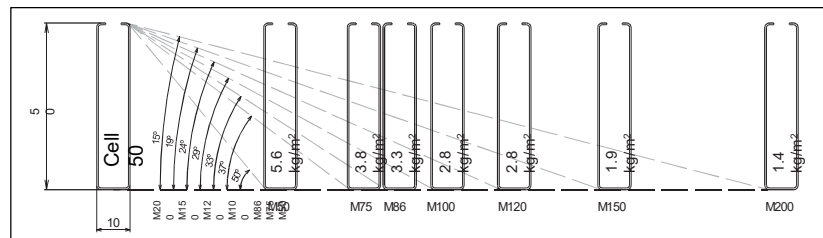
A = 1200 mm (max)  
B1 = Tile length (standard 1200)  
B2 = Tile length (standard 600)  
C = 300 mm (max)

## CONSTRUCTION DETAILS

The standard range of edge profiles can be used.



## MODULES, WEIGHTS AND VIEWING ANGLES



## MODULES AND HEIGHTS (Availability)

Tiles are made from 0.5 mm thick aluminium strip.

## MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

Module	Height	100 x	
		100	50
50 x		120 x	
50	50	120	50
75 x		150 x	
75	50	150	50
86 x		1200 x 600	
86	50	1200	600
Cell 50 tiles	pcs	200 x 1.39	2.78
Main Runners 2400	lm	200 0.83	50 1.67
Cross Runners 1200	l	1.67	
Cross Runners 600	m		1.67
Sliding Clips/Brackets	pcs	5.56	11.12
Splices	pcs	0.35	0.70
Cell Hangers	pcs	0.69	1.39

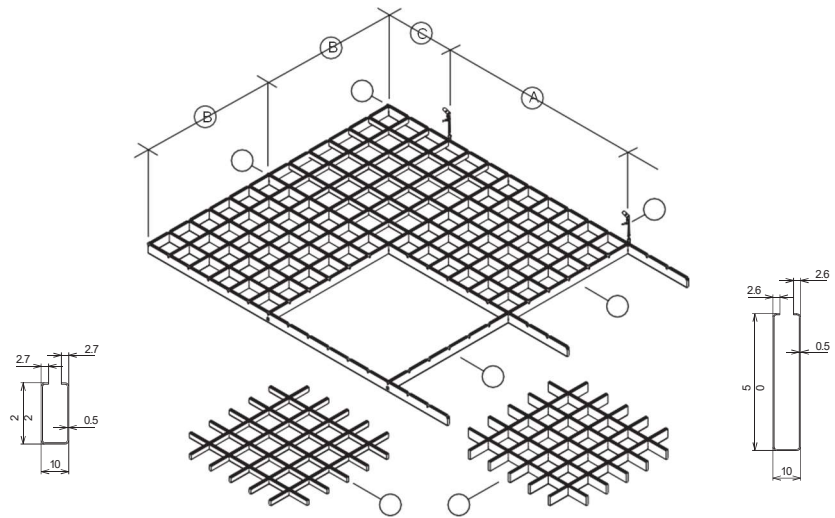
## PANELS

Cell 22 and 50 types can be combined in one cell ceiling. This option can be used with different cell levels to create variation or to mark specific areas.

## SUSPENSION

The 600 x 600 mm and 600 x 1200 mm panels feature an integrated system with main and cross runners from the same profiles as the Cell 50 panels.

The panels are easily (de)mounted with the sliding clips.



- 1 = Cell 50 main runner 2400 mm
- 2 = Cell 50 cross runner 600 mm
- 3a = Cell tile 22
- 3b = Cell tile 50
- 4 = Cell hanger

- A = 1200 mm (max)
- B = Tile length (standard 600 mm)
- C = 300 mm (max)

## COMBINATIONS OF TILES WITH DIFFERENT MODULES

There are a limited number of possibilities for combining tiles with different modules in one Combicel ceiling.

100 mm	100 and 50 mm
150 mm	150, 75, 50 mm
200 mm	200, 100, 50 mm

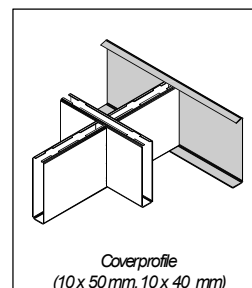
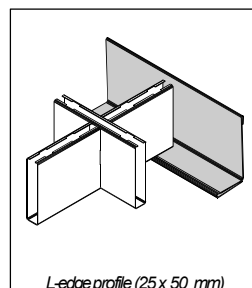
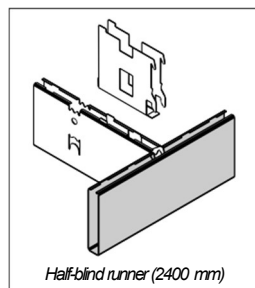
## MATERIAL REQUIREMENT PER M<sup>2</sup>

Edge profile type and quantity is subject to individual project requirements.

	Unit	Cell 50 Tiles 1200 x 600	Cell 50 Tiles 600 x 600	Cell 22 Tiles 1200 x 600	Cell 22 Tiles 600 x 600
Cell 50 or 22 tiles	pcs	1.39	2.78	1.39	2.78
Main Runners 2400	lm	0.83	1.67	0.83	1.67
Cross Runners 1200	lm	1.67		1.67	
Cross Runners 600	lm		1.67		1.67
Sliding Clips/Brackets	pcs	5.56	11.12	8.34	11.12
Splices	pcs	0.35	0.70	0.35	0.70
Cell Hangers	pcs	0.69	1.39	0.93	1.86

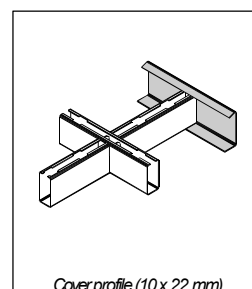
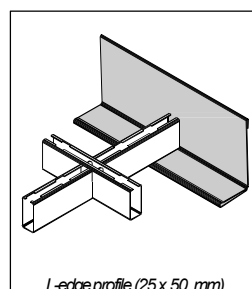
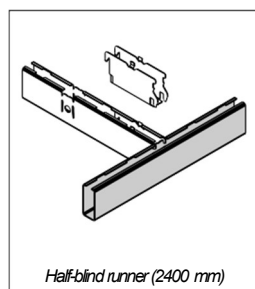
## STANDARD PERIMETER OPTIONS

Cell 40, 50E and 50

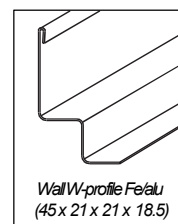
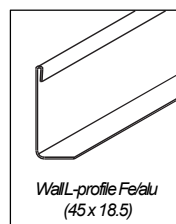
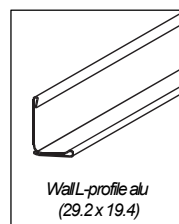


## STANDARD PERIMETER OPTIONS

Cell 22



## EDGE PROFILES



## CELL DIMENSIONS

Standard dimensions are 600 x 600 mm and 600 x 1200 mm. Other sizes on request.





We are dedicated to manufacturing sustainable products. Our paint and aluminium melting processes are considered to be an industry standard in terms of clean production processes. All of our aluminium products are 100% recyclable at the end of their lifecycle.

## SPECIFICATIONS

### - Base Material

Cell Ceiling systems are manufactured from aluminium alloy HD5050 or equal (according to EN 1396, and EN 13523 Series).

### - Coating

The tough and durable 2-layer polyester finish in a nominal thickness of 20 microns is stove enameled in a continuous coil-coating process to ensure uniform coating thickness and absolute adhesion.

### - Colour range

The standard Hunter Douglas interior colour range for Cell Ceiling systems includes a wide variety of colours and finishes. For more information, see our colour chart. Any other (RAL or NCS) colour is available upon request.

### - Tolerances

As a member of the Technical Association of Industrial Metal Ceiling Manufacturers (TAIM), Hunter Douglas complies with tolerance criteria as specified in the TAIM Quality standards for metal ceilings.

### - Fire Behaviour

Hunter Douglas metal suspended ceilings are classified A2, s1, d0 according to EN 13501-1, and therefore will not contribute to fires.

Hunter Douglas Open Cell

creates a ceiling through which large amounts of air and or smoke can be extracted, a distinct advantage in escape routes where the clearest visibility is required.

### - Plenum Accessibility

Hunter Douglas Cell Ceiling systems allow for easy (de)mounting of the panels. The standard panels are easily lifted upwards and removed, allowing full access to systems and installations in the plenum. The minimum free space for comfortable

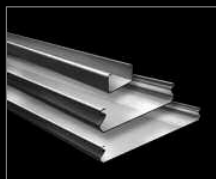
(de)mounting is 130 mm. The swing-down systems allow for (de)mounting the panels downward, with the panels swinging and remaining suspended to allow for easy interaction with the plenum.

The sliding clips allow for (de)mounting of the panels from below for cases where there is no handling space in the plenum.

WidePanel



Linear



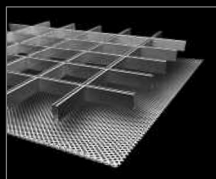
Screen



Tiles  
XL-panel



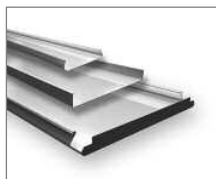
Cell  
Stretch metal



Chilled  
Curved



Exterior



Austria  
Belgium  
Bulgaria  
Croatia / Slovenia  
Czechia  
Denmark  
France  
Germany  
Greece  
Hungary  
Ireland  
Italy  
Kazakhstan  
the Netherlands  
Norway  
Poland  
Portugal  
Romania  
Russia  
Serbia  
Slovakia  
Spain  
Sweden  
Switzerland  
Turkey  
Ukraine  
United Kingdom  
Africa  
Middle East

Asia  
Australia  
Latin America  
North America

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# HunterDouglas

WINDOW COVERINGS

CEILINGS

SUN CONTROL

FAÇADES