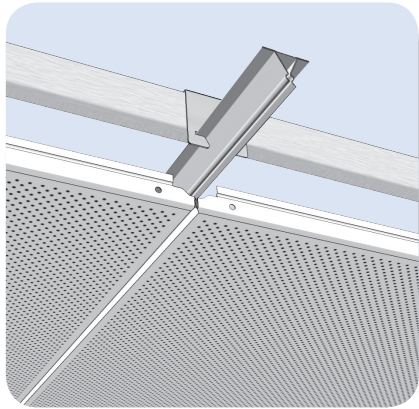


Monobac metal tile

Clip-in metal tile with bevelled edges on a concealed grid



- Designed to be clipped beneath a concealed grid according to the three types of installation: standard, stirrups or direct hangers.
- Clip-in tile with a locking ring on the four sides.
- Bevelled peripheral edges as standard - square edges on request.

Key product features

Aesthetics: ceiling with a monolithic aspect

Acoustics: high degree of correction, absorption factor α_w up to 1

Opening: secure access to the plenum (requiring use of a disassembly tool)

Ideal for: lobbies

Related systems

- WALL TO WALL SUSPENDED CEILINGS
Ceiling on concealed grids
Clip-in tile on concealed grid system MONOBAC
[PLAFOMETAL-SC-230]

Characteristics and performance



Light reflection
Up to 87%



Clip-in ends and bevelled edges
(square edges on request)



Acoustics
 α_w up to 0.80 with the ALPHA range
 α_w up to 1 with the ALPHA PLUS range



Indoor air quality
Class A+ for all these products:

- Non-perforated
- In the ALPHA range
- In the ALPHA PLUS range, with a specific mineral wool pad in thin plastic film



Reaction to fire (according to EN 13501-1)
Euroclass A1 for these products:

- Prepainted non-perforated
- Prepainted in the ALPHA range

Euroclass A2-s1,d0 for these products:

- Non-perforated powder post-painted
- Powder post-painted in the ALPHA range
- In the ALPHA PLUS range



Verified EPD available in the INIES database (www.inies.fr)

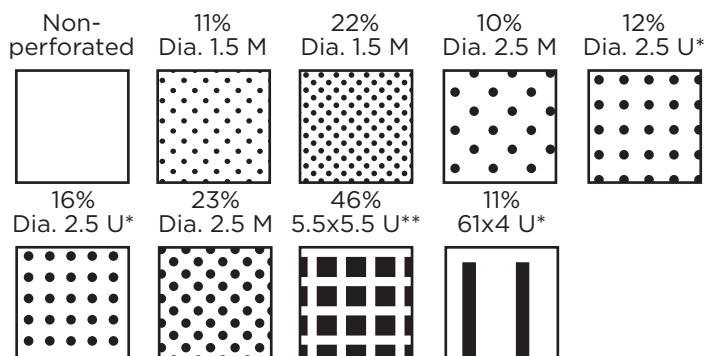


CE marking (according to EN 13964)
DoP no.: 0007-200

Colors

- **White 137 (≈ RAL 9003)**
Polyester prepainted
- **Metallic Gray (RAL 9006)**
Polyester prepainted - on request
- **180 RAL colors available on request**
Polyester powder post-painted

Perforations



Scale 1:2

On aluminum, contact us

All metal tiles have a non-perforated area of a few mm around the edges.

* Not stored

** Only available in 600x600 mm

Dimensions & Packing

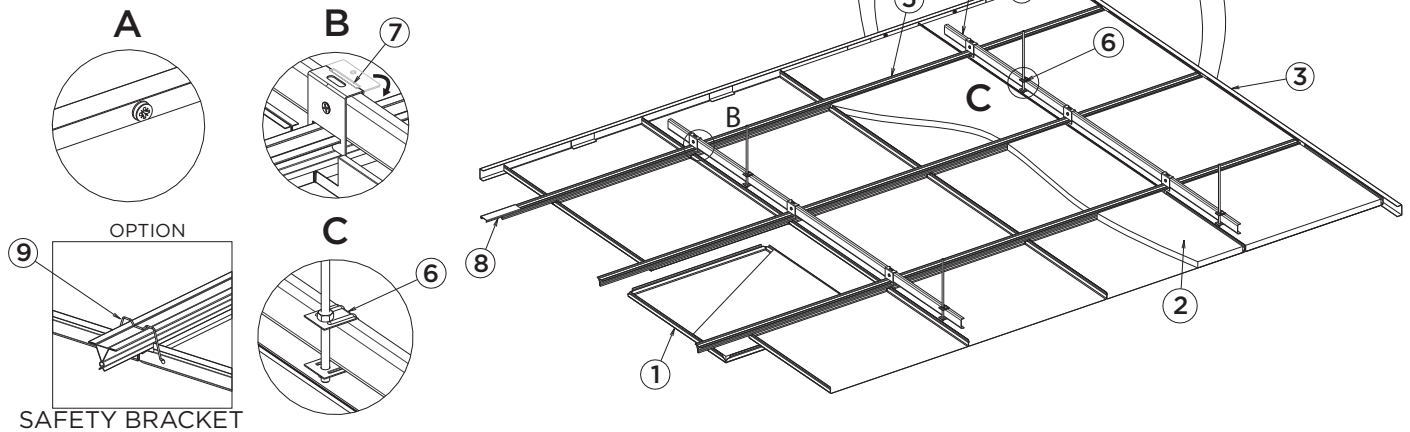
Dimensions (mm)		
Width*	600	600
Length*	600	1,200
Height	26	
Packaging		
Units/pack	14	10
m ² /pack	5.04	7.2
Packs/pallet	20	10
Weight (gross kg/pack)	22	30

Non-perforated steel tile only (thickness 0.5 mm)

*Other dimensions on request

Monobac metal tile

Framed installation: [PLAFOMETAL-SC-230] (STANDARD INSTALLATION)



No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)
1		Contact us	Monobac metal tile	Pack	m ²	1
2		Contact us	Additional acoustic component	/	m ²	1
OR		V817BA	Wall angle 30 x 30 mm leng. 3 m	Pack (30 units)	lm	Depending on the perimeter
		D5165BA	Hollow joint wall angle 19 x 19 x 19 x 19 mm leng. 3 m	Pack (30 units)	lm	
		U+1802BA	Channel trim 19 x 40 x 19 mm leng. 3 m + perimeter wedge (not included in the pack)	Pack (12 units)	lm	
4		U1029	U-section main runner leng. 4 m	Pack (20 units)	lm	0.84
5		D5110	T-section secondary profile leng. 4 m	Pack (20 units)	lm	1.68
6		AC21	Suspension flange* for U-section main runner	Pack (100 units)	Unit	0.7
7		AC510	Connecting hanger U-section main runner / T-section secondary profile	Pack (100 units)	Unit	1.4
8		AC53	T-section secondary profile length connector	Pack (100 units)	Unit	0.42
Option		P5790037	Safety bracket	Pack (100 units)	Unit	2.78
		P57900338	Disassembly tool	Unit	Unit	-

* Suspend with 6 mm diameter threaded rods and M6 nuts (not supplied)

Standard installation according to DTU 58-1

Framed installation: D5110 T-section secondary profiles (no. 5) feature 600 mm center spacings. They are connected with AC510 folding hangers (no. 7) to U1029 main runners (no. 4) fitted perpendicularly with 1200 mm centers. Main runners are hung with 1200 mm centers using AC21 flanges (no. 6) + nuts/6 mm dia. threaded rods.

The impermeability of a non-perforated ceiling can be reinforced by applying a silicone joint to the panels' beveled edges during installation.

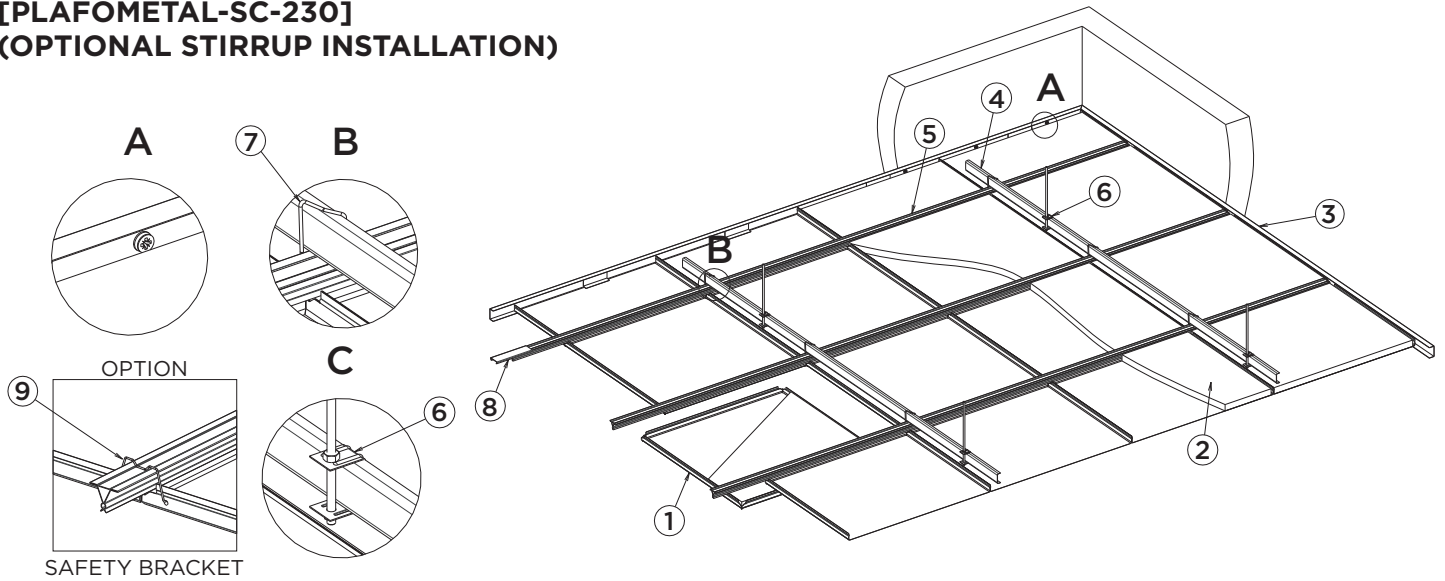
Cut-outs: bespoke factory cut-outs on request.

Outdoor installation: with AC511 safety brackets, subject to conditions. Contact us for details about the center spacings for the chosen metal tile and specify the degree of wind and corrosion exposure depending on the project's installation specifications. The contractor is responsible for submitting its plan to the client for approval.

Removal: unclip at the bottom using the special disassembly tool. The ceiling can be made non-removable by adding an AC511 safety bracket to each corner of the panel. Please contact us if you are interested in installing an access trapdoor.

Monobac metal tile

Framed installation:
[PLAFOMETAL-SC-230]
(OPTIONAL STIRRUP INSTALLATION)



No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)
1		Contact us	Monobac metal tile	Pack	m ²	1
2		Contact us	Additional acoustic component	/	m ²	1
OR		V817BA	Wall angle 30 x 30 mm leng. 3 m	Pack (30 units)	lm	Depending on the perimeter
		D5165BA	Hollow joint wall angle 19 x 19 x 19 x 19 mm leng. 3 m	Pack (30 units)	lm	
		U+1802BA	Channel trim 19 x 40 x 19 mm leng. 3 m + perimeter wedge (not included in the pack)	Pack (12 units)	lm	
4		U1029	U-section main runner leng. 4 m	Pack (20 units)	lm	0.84
5		D5110	T-section secondary profile leng. 4 m	Pack (20 units)	lm	1.68
6		AC21	Suspension flange* for U-section main runner	Pack (100 units)	Unit	0.7
7		AC219	Connecting stirrup U-section main runner / T-section secondary profile	Pack (100 units)	Unit	1.4
8		AC53	T-section secondary profile length connector	Pack (100 units)	Unit	0.42
Option		P5790037	Safety bracket	Pack (100 units)	Unit	2.78
		P57900338	Disassembly tool	Unit	Unit	-

* Suspend with 6 mm diameter threaded rods and M6 nuts (not supplied)

Installation with stirrups according to DTU 58-1

Framed installation: D5110 T-section secondary profiles (no. 5) feature 600 mm center spacings. They are connected with AC219 steel connecting stirrups (no. 7) to U1029 main runners (no. 4) fitted perpendicularly with 1,200 mm centers. Main runners are hung with 1,200 mm centers using AC21 flanges (no. 6) + nuts/6 mm dia. threaded rods.

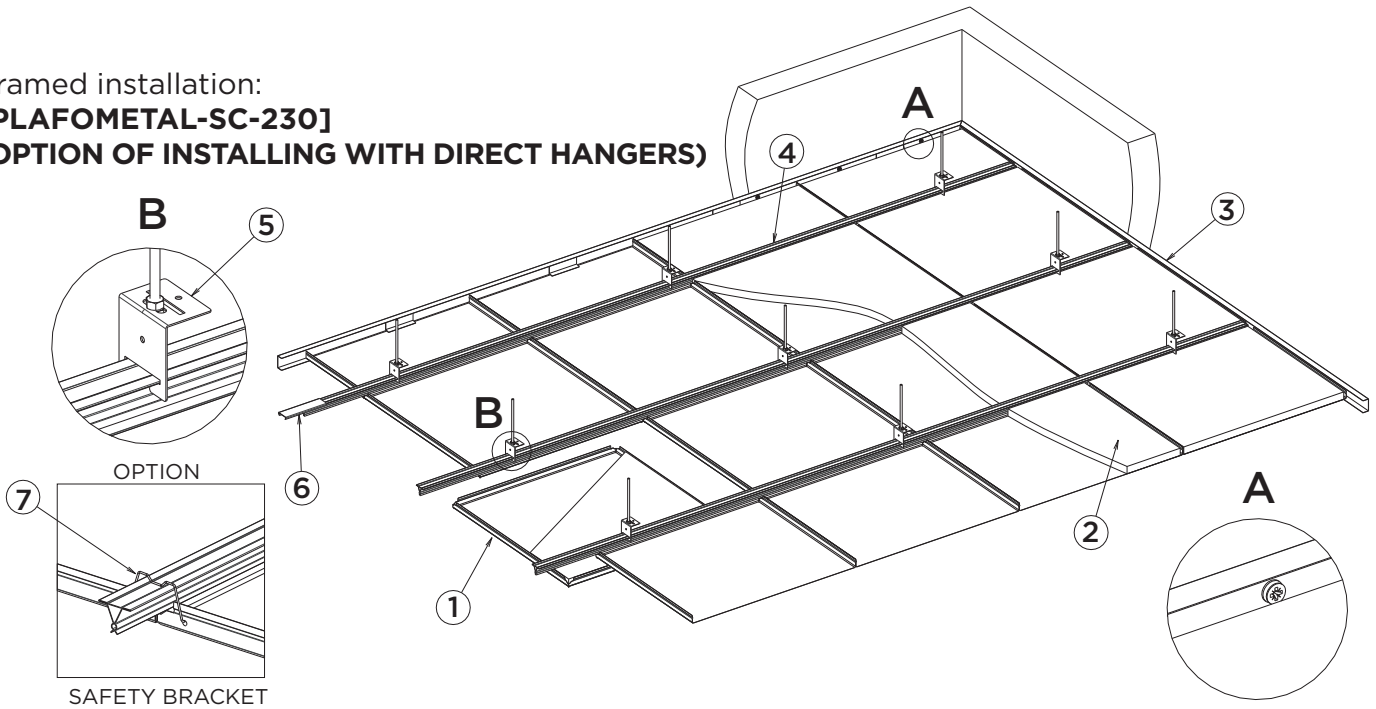
The impermeability of a non-perforated ceiling can be reinforced by applying a silicone joint to the panels' beveled edges during installation.

Removal: unclip at the bottom using the special disassembly tool. The ceiling can be made non-removable by adding an AC511 safety bracket to each corner of the panel. Please contact us if you are interested in installing an access trapdoor.

Cut-outs: bespoke factory cut-outs on request.

Monobac metal tile

Framed installation:
[PLAFOMETAL-SC-230]
(OPTION OF INSTALLING WITH DIRECT HANGERS)



SAFETY BRACKET

No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)
1		Contact us	Monobac metal tile	Pack	m ²	1
2		Contact us	Additional acoustic component	/	m ²	1
OR		V817BA	Wall angle 30 x 30 mm leng. 3 m	Pack (30 units)	lm	Depending on the perimeter
		D5165BA	Hollow joint wall angle 19 x 19 x 19 x 19 mm leng. 3 m	Pack (30 units)	lm	
		U+1802BA	Channel trim 19 x 40 x 19 mm leng. 3 m + perimeter wedge (not included in the pack)	Pack (12 units)	lm	
4		D5110	T-section profile leng. 4 m	Pack (20 units)	lm	1.68
5		AC510	Direct hanger*	Pack (100 units)	Unit	1.4
6		AC53	Tsection secondary profile length connector	Pack (100 units)	Unit	0.42
Option		P5790037	Safety bracket	Pack (100 units)	Unit	2.78
		P57900338	Disassembly tool	Unit	Unit	-

* Suspend with 6 mm diameter threaded rods and M6 nuts (not supplied)

Installation with direct hangers according to DTU 58-1

Framed installation: D5110 T-section secondary profiles (no. 4) feature 600 mm center spacings. They are hung directly with AC510 hangers (no. 5) + nuts/6 mm dia. threaded rods with 1,200 mm centers.

The impermeability of a non-perforated ceiling can be reinforced by applying a silicone joint to the panels' beveled edges during installation.

Cut-outs: bespoke factory cut-outs on request.

Outdoor installation: with AC511 safety brackets, subject to conditions. Contact us for details about the center spacings for the chosen metal tile and specify the degree of wind and corrosion exposure depending on the project's installation specifications. The contractor is responsible for submitting its plan to the client for approval.

Removal: unclip at the bottom using the special disassembly tool. The ceiling can be made non-removable by adding an AC511 safety bracket to each corner of the panel. Please contact us if you are interested in installing an access trapdoor.