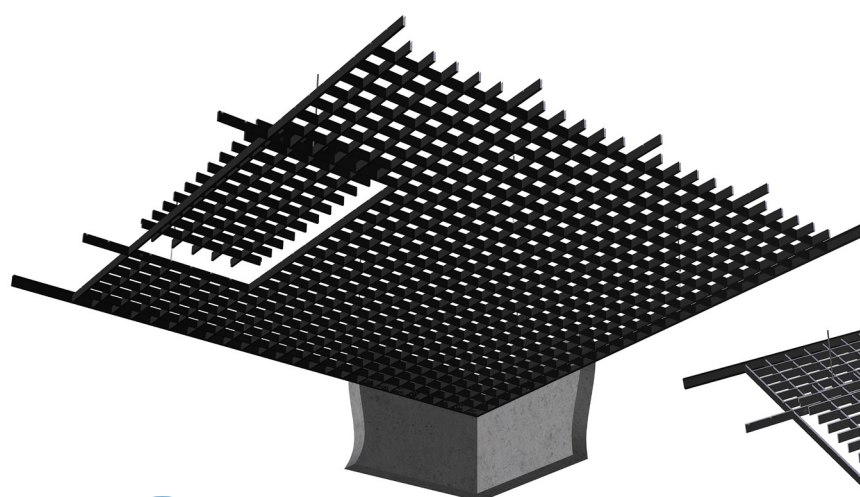


DOUBLE SKIN OPEN-CELL WITH INTEGRATED GRID SYSTEM

SQUARE I (*GRILUM*)
[PLAFOMETAL-OC-130]

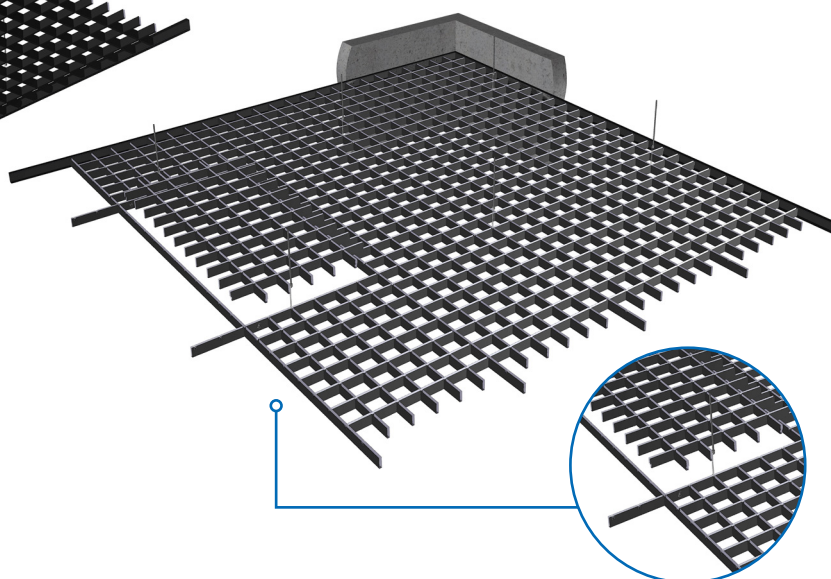
General view - underneath and above



These visuals are available in greater detail
on our web site in the "System visuals" section



Option: slot-in support



Description

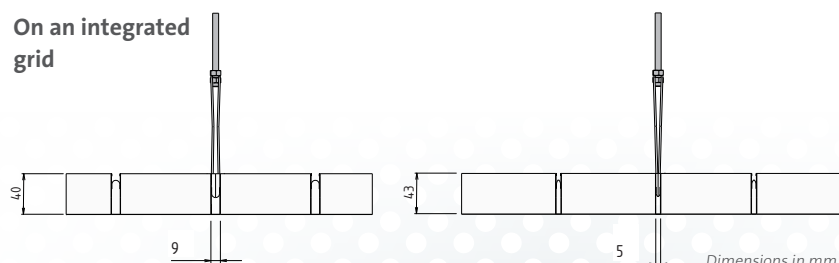
- Double skin open-cell ceiling with an integrated grid.
- Designed to be installed on an integrated grid.
- Gives the ceiling an open-cell effect.
- The grid has the same U profiles as the panel.

Intended use

Ideal for: stores in shopping malls.

Sectional view showing space requirements

On an integrated
grid



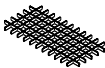




Dimensions in mm

DOUBLE SKIN OPEN-CELL WITH INTEGRATED GRID SYSTEM

SQUARE I (*GRILUM*)
[PLAFOMETAL-OC-130]

KEY FEATURES


- Aesthetics:** conceals the plenum when viewed at an angle, while creating an impression of space and light
- Safety:** high open area percentage for active fire protection systems
- Practical:** grid and panels supplied in kit format

SYSTEM INFORMATION							
Component		Dimensions (mm)				Open area percentage	Material
		Width	Length	Double skin (U elements)	Cell dimensions		
	Square i* (formerly named Grilum)	600	1,200 other length on request	Square i5 Width 5 Height 43 Square i9 Width 9 Height 40	Square or rectangular with intervals of 50, 60, 75, 86, 100, 120, 150 or 200	Depending on the width of the U elements and cell dimensions; contact us	Aluminum thickness 0.4 mm
	L wall angle	40 x 20 Lg. 3,000					Aluminum
	U-section carrier profile**	Lg. 2,400					Aluminum
	U-section cross tee**	Lg. 1,200					Aluminum
	Wire hanger**	-					Steel
	Option: Slot-in support	-					Aluminum

* Refer to the product datasheet


** Kit delivered in several packs, including the open-cell panels and the necessary quantity of carriers, hangers for Ø6 mm threaded rods and carrier connectors.

 **Opening**
Square i panels can occasionally be disassembled.


 **Reaction to fire**
according to EN 13501-1
Euroclass A1

 **Cut-outs and integration**
Slot-in supports for spots, sprinklers or other fittings on request.

 **Indoor air quality**
Class A+

 **Active fire protection**
according to EN 1284
If sprinklers are fitted above an open-cell suspended ceiling, the total plan open area of the ceiling, including light fittings, must not be less than 70% of the ceiling plan area. In practice, an open area percentage greater than 80% is frequently required for the ceiling elements.

Open area percentage
Depending on the width of the U elements and cell dimensions; contact us.

 **Colors**
Standard White (RAL 9003) - Prepainted polyester
Metallic Gray (RAL 9006) - Prepainted polyester
Black (RAL 9005) - Prepainted polyester
Other colors subject to quantity - Prepainted polyester