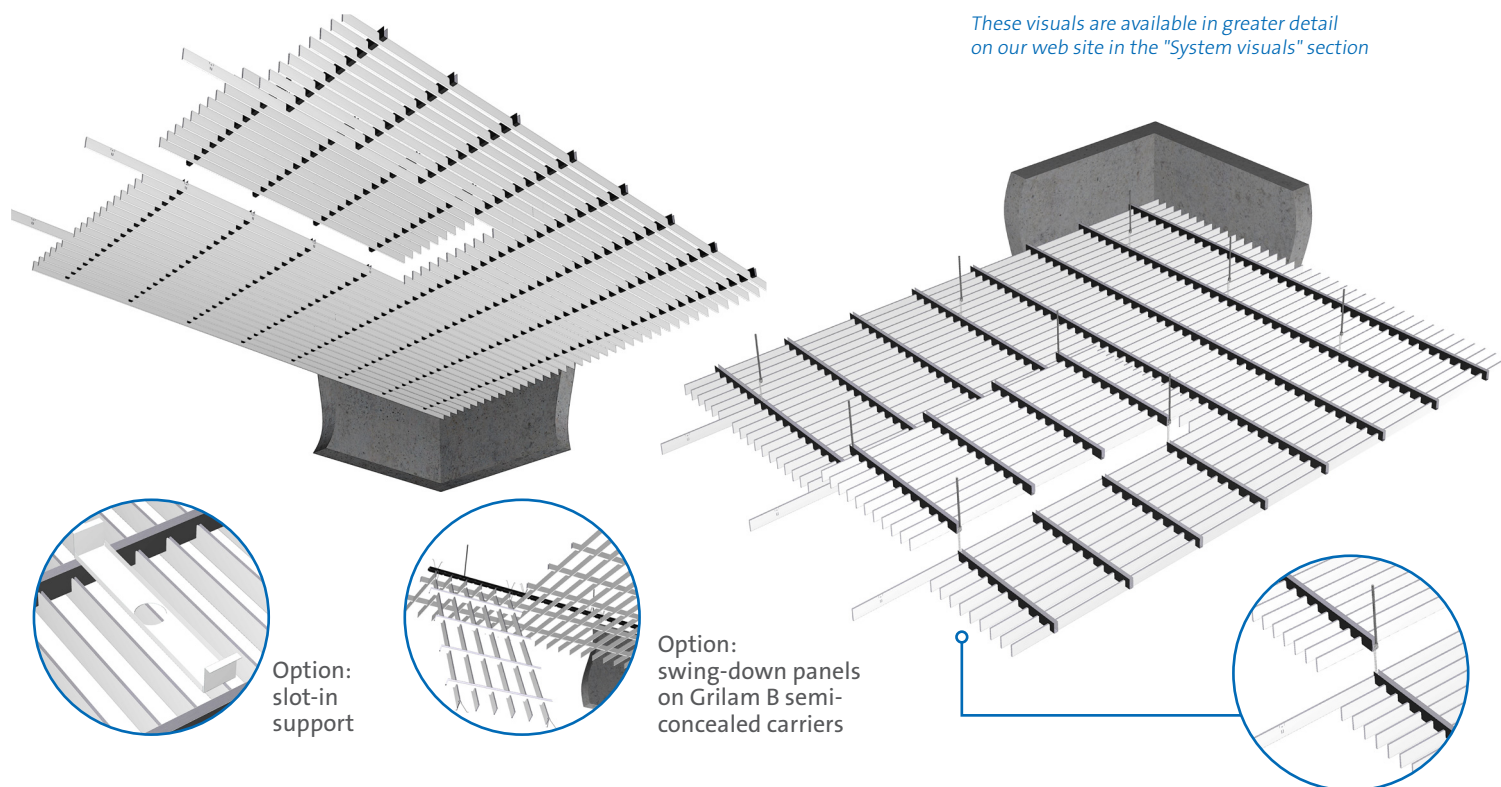


DOUBLE SKIN OPEN-CELL CEILING WITH INTEGRATED GRID SYSTEM

GRILAM I
[PLAFOMETAL-OC-210]

General view - underneath and above



Description

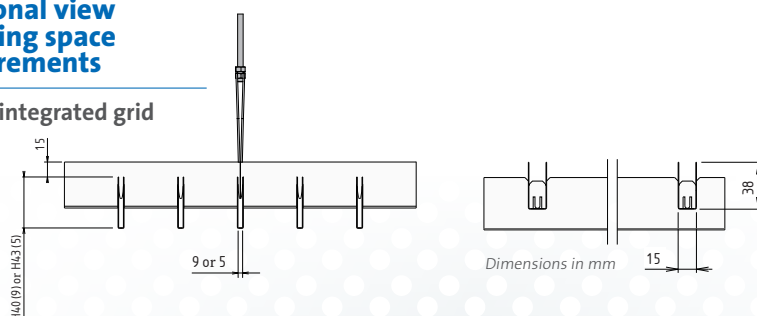
- Linear-effect double skin open-cell ceiling with an integrated grid.
- Designed to be installed on an integrated grid.
- Gives the ceiling a linear appearance, since the U cross-elements are offset vertically. There is also the possibility of using black for an even more discreet effect.
- The grid has the same U profiles as the panel.

Intended use

Ideal for: concourses in shopping malls.

Sectional view showing space requirements

On an integrated grid







DOUBLE SKIN OPEN-CELL CEILING SYSTEM FOR INTEGRATED GRIDS

GRILAM I
[PLAFOMETAL-OC-210]

KEY FEATURES

- **Aesthetics:** reinforced linear appearance
- **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		
	Grilam i*	600	1,200 other length on request	Grilam i5 Width lower U element = 5 Width upper U element = 15 Height 43 Grilam i9 Width lower U element = 9 Width upper U element = 15 Height 40	Rectangular with intervals more than 200 or 300 mm by intervals less than 50, 60, 75, 86 or 100	More than 70% for all cell sizes in all models More than 80% for all cell sizes in Grilam i5 and from cell size 200 x 75 mm for Grilam i9	Aluminum thickness 0.4 mm
	L wall angle	40 x 20 Lg. 3,000					Aluminum
	U-section carrier profile**	Lg. 2,400					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

Grilam i panels can occasionally be disassembled.
Swing-down version on request: Grilam B



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+



Cut-outs and integration

Slot-in supports for spots, sprinklers or other fittings on request.



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

More than 70% for all cell sizes in all models.
More than 80% for all cell sizes in Grilam i5 and from cell size 200 x 75 mm for Grilam i9.



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