

# GRID-EL

FALSE CEILINGS  
OF CLEAN ROOMS



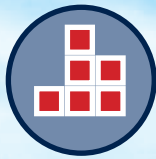
# KEY POINTS



Reduced profile width: 50 mm



Easy to assemble



Expandable



Also suitable for walked-on surfaces



The GRID-EL system has been designed for the construction of false ceilings of Clean Rooms corresponding to the most recent and severe construction techniques, as well as to the most demanding conditions dictated for environments with the strictest Cleanliness Classes (up to ISO 4).

The profiles in anodised extruded aluminium are assembled on T and L cross joints in die cast aluminium to form false ceiling support grills: the size of the grill can be enlarged up to 1.2 x 2.4 m. Seal is of the dry joint or mechanical type.

The system allows for fast fitting and removal and easy re-arrangement if the layout has to be modified.

## APPLIANCES

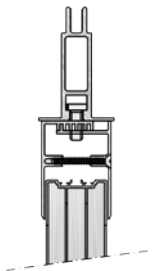
Cleanrooms for the Pharmaceutical, Hospital, Food and Beverage industries.



# COMPONENTS' DESCRIPTION

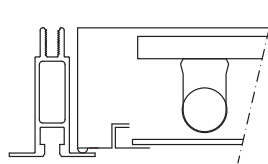
- **The profile** is made of extruded aluminium alloy. It has a reduced width (50 mm) which allows for a 2% increase of the filtering surface as against a profile with a 60 mm width.
- **Joints:** in die cast zinc/aluminium alloy, painted in polyester-epoxy paint in aluminium grey colour. Cross joints are designed to house sprinkler and other devices, which can also be installed at a later moment, after the fitting of the false ceiling: the cross joint / sprinkler head group, available as an option, has Factory Mutual approval. Additional appliances can be connected through the linear joints
- **Blank panels** available in three options:
  - Simple: made of white powder painted aluminium sheet, fixed to the profile by means of anodised aluminium devices.
  - Walkable: sandwich, composed of pre-painted aluminium sheets and honeycomb panel in between.
  - Flash Mounting: sandwich, composed of pre-painted aluminium sheets and honeycomb panel in between.

## ADDITIONAL DEVICES



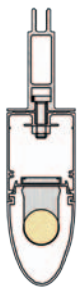
### Wall clamping track

Double clamp-fastened profiles in anodised extruded aluminium, fixed to the filter-holder grid by hammerhead screws.



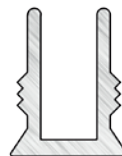
### Ceiling light

Ceiling light with aerodynamic profile specially designed for use in controlled contamination environments.



### Teardrop light

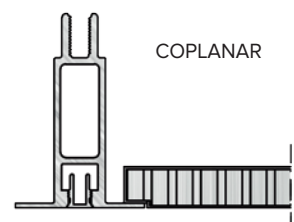
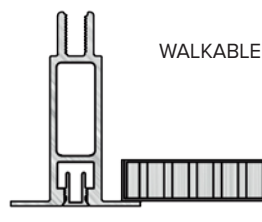
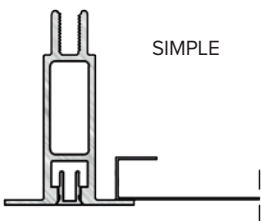
Teardrop light with aerodynamic profile specially designed for use in controlled contamination environments.



### Slot closure profile

Anodised aluminium profile for closure of the slot of the profile: click-in insertion.

## BLANK PANELS



CLEAN ROOMS	DEDICATED SYSTEMS	CLEAN ROOM COMPONENTS	SPECIAL EQUIPMENT	PLANT
 MICROELECTRONICS	 PRINTED CIRCUITS	 FALSE CEILINGS	 AIR SHOWERS	 CONDITIONING
 ELECTRONICS	 BOTTLING	 MOTOISED FANS	 TRANSFER HATCHES	 SUCTION
 PHARMACEUTICAL	 HOSPITALS	 WALLS	 CLEAN CABINS	 AIR DUCTING
 HOSPITALS	 PHARMACEUTICAL	 FLOATING FLOORS	 DUST REMOVAL	
 BOTTLING	 FOOD	 CEILING FIXTURES	 CHANGING ROOM FITTINGS	