



GRID CEILING - GRID-EL



The GRID-EL system has been designed for the construction of false ceilings of Clean Rooms in compliance with 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 junctions in die cast aluminium to form a grid ceiling system: the size of the grid 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 when layout has to be modified.

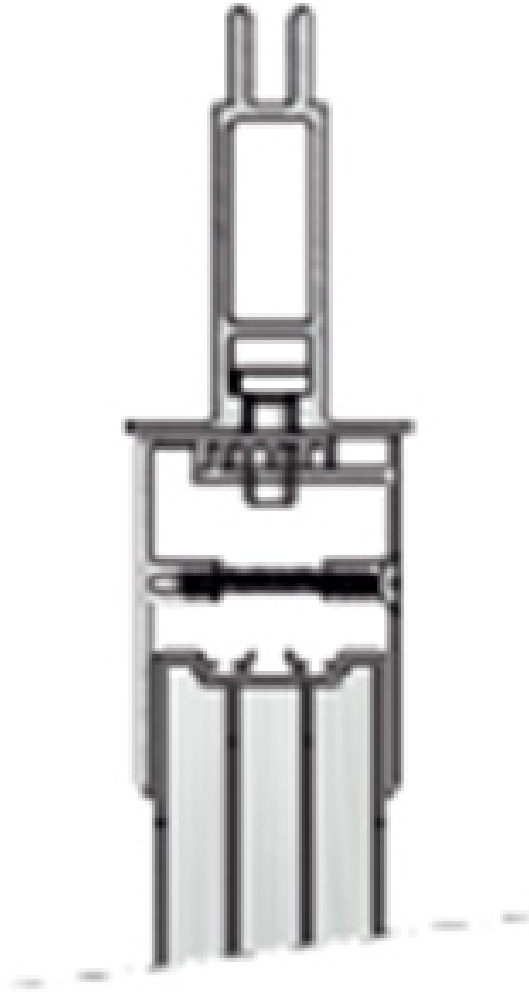
SKU: N/A



PRODUCT DESCRIPTION

Additional Devices

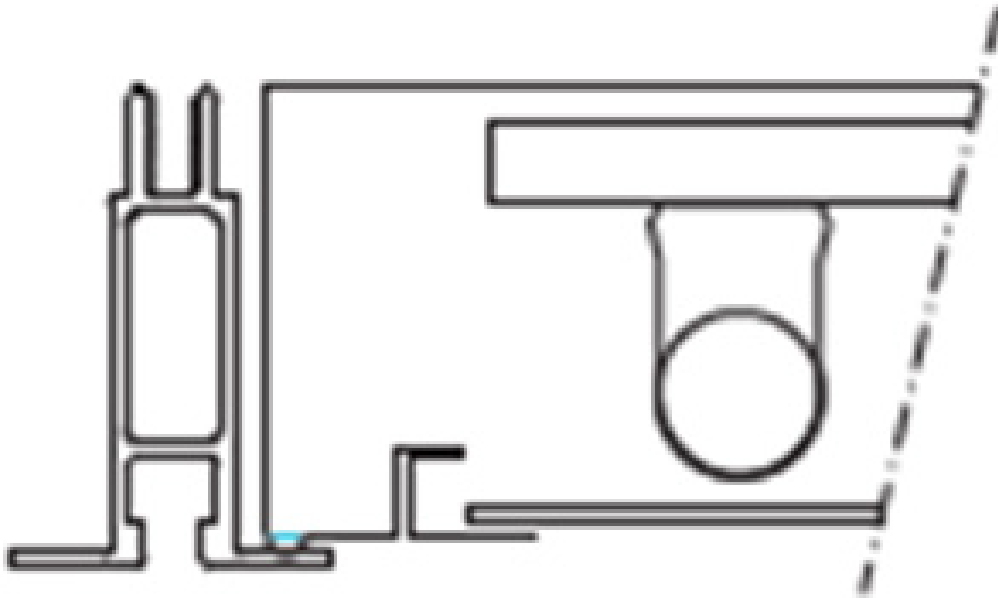
Wall clamping track



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.



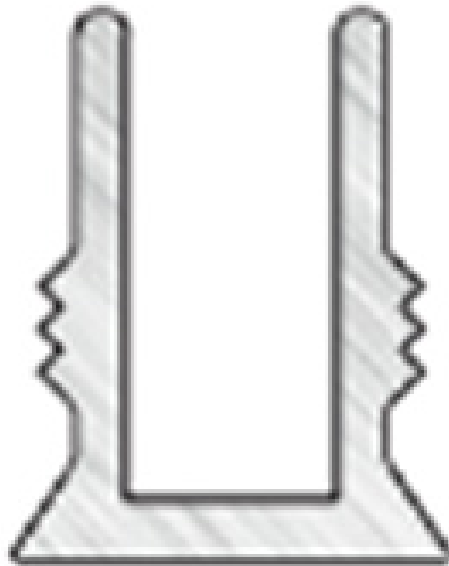
Teardrop light



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



Slot closure profile

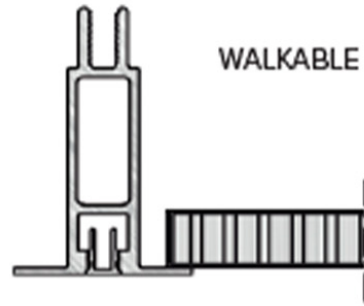
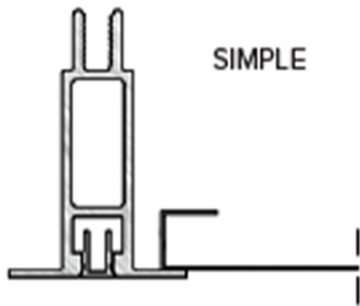


Anodised aluminium profile for closure of the slot of the profile: click-in insertion.



Blank Panels

Wall clamping track





Applications

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 polyesterepoxy 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.



