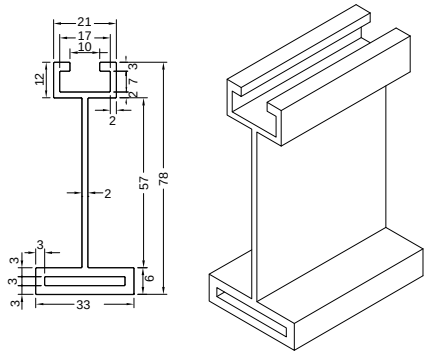
OWAtecta CleanRoom - ceilings

I – grid system

I-grid ceiling system is a solution with the load bearing profile placed in the panel joint area. Therefore from the room side, only the 3mm gap is visible on the ceiling. The I-grid profile can be used in case of the especially high hygienic or clean class requirements. The I grid ceiling system is not demountable.



- **Material:** Aluminum alloy EN AW-6063
  according to EN 573-3, state T5 according to EN 515

- **Coating:**
  Anodic coating of the thickness of 15±5 µm;
  Powder coating of the thickness of 80 to 100 µm

- **Distance between hangers: (width x length):**
  1500 x 2400 mm

- **Reaction to fire class in accordance with EN 13501-1:**
  B-s2,d0 (all core types) panel
  A2-s2,d0 - T painted aluminium profile

- **Hygienical atestation:**
  PZH (National Institute of Hygiene) Report no HK/B/1231/01/2010

- **CE marking:**
  The OWAtecta cleanRoom ceiling system is CE marked in accordance with EN 13964.

- **Panel thickness:**
  50 mm

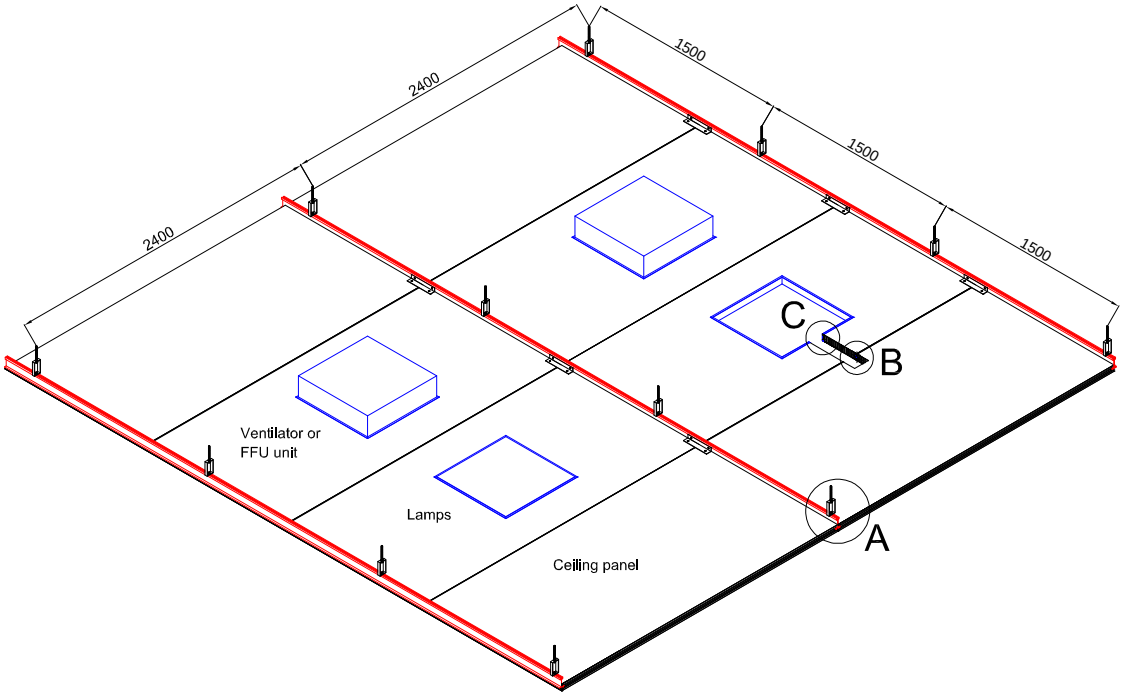
- **Core types**:
  Paper honeycomb
  Aluminium honeycomb
  XPS foam

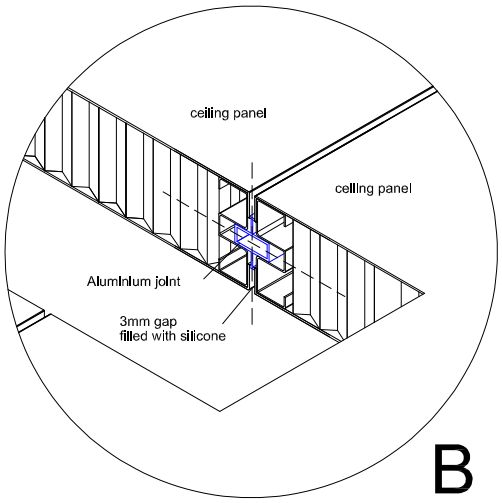
- **Color**
  Standard white, close to RAL 9020

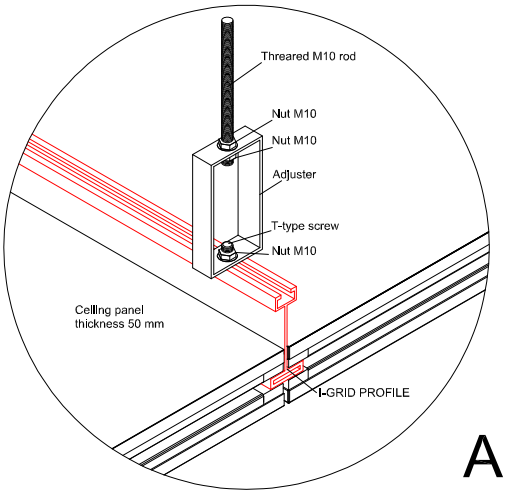
OWAtecta CleanRoom - ceilings

I – grid system

I-grid ceiling model with the main elements



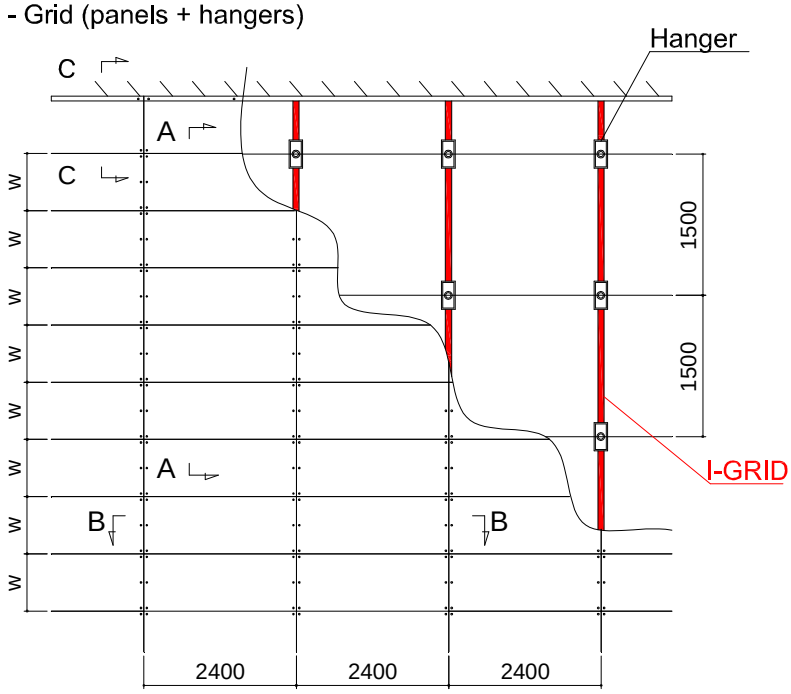




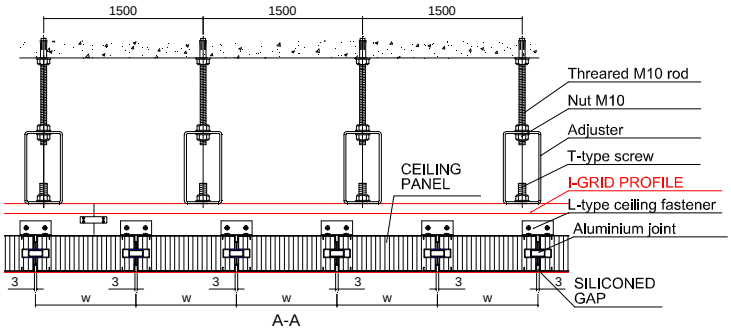
OWAtecta CleanRoom - ceilings

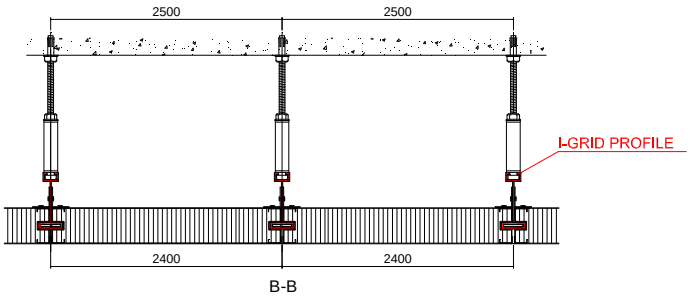
I – grid system

OWAtecta cleanRoom ceilings: I-grid
- Grid (panels + hangers)

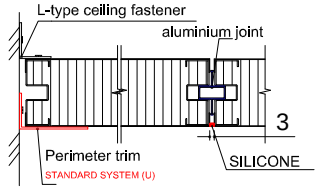


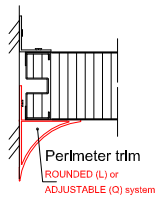
OWAtecta cleanRoom ceilings: I-grid
- Cross sections A-A I B-B





OWAtecta cleanRoom ceilings: I-grid
- Cross section C-C





C-C

OWAtecta CleanRoom - ceilings

I – grid system

The OWAtecta cleanRoom ceiling system has been designed for the safe access to the equipment installed in ceiling panels.

All openings are reinforced with additional steel profiles, therefore the panel with openings would not lose the strength properties.

Openings in the ceiling panels shall be prepare in the factory only. It is not allowd to make openings on the building site.

OWAtecta cleanRoom ceilings:
- Reinforced hole in the ceiling panel