

# ГРУППА КОМПАНИЙ АМТТ



## ALUMINUM CEILINGS OPEN CELL



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ПРОИЗВОДИТЕЛЬ АЛЮМИНИЕВЫХ КОНСТРУКЦИЙ №1

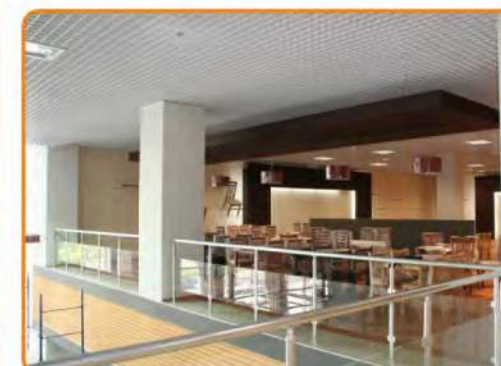
# SUSPENDED CEILINGS OPEN CELL \ GRID CEILINGS

## HIGH QUALITY ALUMINUM RAW MATERIAL

Suspended aluminum ceiling open cell is made from tape aluminum alloy 3003 with protection coating. The face side of the aluminum strip is painted by hot enamel method. The painting of panels is made along with the induction furnace of the continuous cycle by a double application of a lasting and durable polyester coating thickness 20-22mc, which provides a uniform thickness of coating and good adhesion of the coating with the surface of the product.

We use different thickness of aluminum:

0.3 mm, 0.4mm, 0.5mm.



## THE SYSTEM OF ALUMINUM CEILING OPEN CELL

Aluminum ceilings consists of cassette which is framed form U profile (top and lower profile). The cassette mounted on lay runner length 600 mm, 1200 mm and 2400 mm. The bearing rails 2400 mm attached to each other through a connecting element.

## THE COMPONENTS OF CEILING:

- 1 - longitudinal bearing Profile 2400 mm
- 1-a - longitudinal bearing Profile 1200 mm
- 2 - cross-carrying Profile 1200 mm
- 2-a - cross-carrying profile 600 mm
- 3 - top profile 600 mm
- 4 - lower profile 600 mm
- 5 - connection to the "top" and "lower" profile
- 6 - Suspension
- 7 - splice



## SUSPENDED CEILING SIZE CELLS

- 50x50mm
- 60x60 mm
- 75x75 mm
- 86x86mm
- 100x100mm
- 120x120 mm
- 150x150mm
- 200x200mm (with different combination)

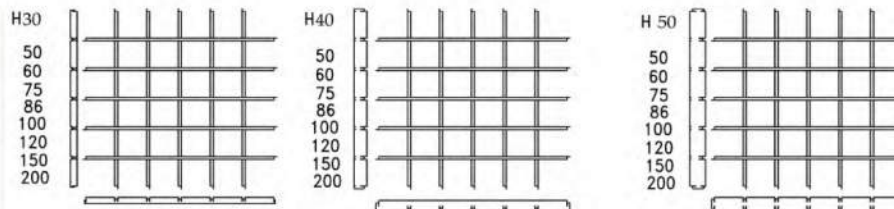
The height of U profile is offered in 3 standards:

- 30mm
- 40mm
- 50mm

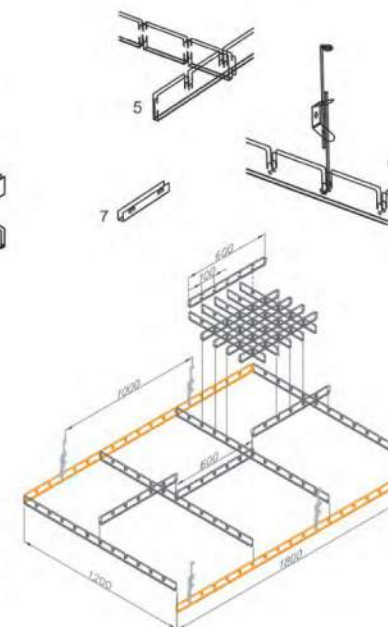
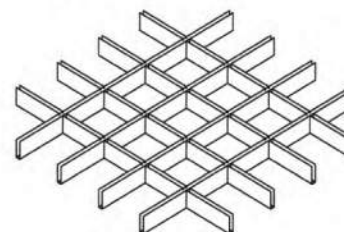
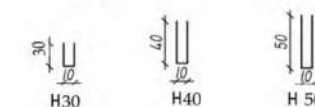
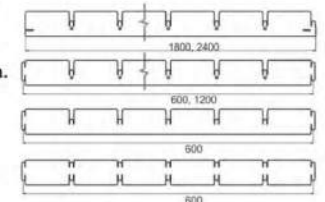
Weight of ceilings is 2 up to 6 kg/m<sup>2</sup>, depends on size of cell.

## ASSEMBLY TECHNIQUE SUSPENDED CEILING

1. Longitudinal bearing Profile (1) 2400 mm fastens together with longitudinal bearing Profile (2) 1200mm and suspended from each meter by the use of Suspension (6).
2. Splice (7) fastens face side bearing Profiles.



3. Cross-section (2) 1200 mm, seals with a cross bearing profiles (2-a) by 600 mm.
4. At half the length of the profile (2) connects the other cross-section (2-a) length of 600 mm.
5. Get a square grid, which establishes the pre-assembled tapes from the top (3) and lower (4) profile of size 600x600 mm







### THE ADVANTAGES OF SUSPENDED CEILING OPEN CELL

- Visually changes the space of room
- Hides the engineering and technological communication
- The ceiling design makes it easy to implement for maintenance of engineering systems
- The same width trim and suspension system provide the appearance of a solid surface of the ceiling
- Structure of aluminum ceiling OPEN CELL ceiling allows effective noise reduce
- Anticorrosion coating allows the use of panels in the ceilings of rooms with high humidity
- Wide range of colors, RAL and NCS are available on request



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