

Construction Installation : Lautex WT-grating

Generally:

- The walls, pillars and other structure parts have to be painted before the installation of the edge lists (minimum the space below the edge list).
- The space where installation is made, has to be clean so that the installation is safe.
- The needed installations above the ceiling (air-conditioning channels, electricity grates, cables, cooling balks etc.) has to be done before the installation of the ceiling.
- The anemostats and illuminators are installed together with the ceiling installer so that the installation is made correctly. Also the possible cooling balks etc. connection works to water- and air conditioning pipes is made at the same point.
- The weight of the standard WT-grating ceiling is about 1-2,6 kg/m², , depending on the cell size. For example, WT-100x100 ceiling weights app. 2 kg/m², suspension material included.

Installation order :

1. Installation of the edge lists
2. Fastening of the rods
3. Installation of the T- grid
4. Installation of the grating elements

Edge lists :

- The edge lists are fastened into wall with fasteners, which are approved and used by the markets taking into consideration the wall material. The distance between the fastening points 200-300 mm according to edge list material.
- The edge lists are fastened according to drawings into that height, which is needed to get the ceiling into right height.
- The edges of the edge list have to be made very carefully so that the edges would not open.

Supporters :

- To support the T- grid one has to use supporters accepted by the manufacturer.
- The rods are fastened to the intermediate floor with fasteners approved and used by the markets taking into consideration the material of the base.
- The direction of the rod lines (main runners of the T-grid) can be chosen according to the rooms lenght or width. The installation of the rods depends on the use of the T-grids the following way :
- Alt. 1 : The installation is made so that the T-grid main runners are installed with 1200 mm distances. In this alternative the T-grid main runners are fastened with rods so that the distance between the rods in the main runner direction is max. 1200 mm and against the main runners 1200mm. T-grid support system is build in this alternative so that between the main runners is installed 1200 mm cross tees (into 90 degrees angle against main runners) with 600 mm distances. After this 600 mm cross tees are installed against the 1200 cross tees into the same line with main runners. After these installations the T-grid suspension grid is ready for 600x600 cassettes.
- Alt. 2 : the T-grid main runners can alternatively be installed with 600 mm distances. In this case the 600 mm cross tees are installed against them into 90 degrees angle. The distance between the rods in the main runner direction is max. 1200 mm and against the main runners 600 mm.
- The under-side of the carrier is installed into the height, which is above the ready-made ceiling a grating height.
- The rods are fastened to the carrier with distance ≤ 1200 mm. The installation of the carriers is started from the wall so that the first carrier (and rods) are installed app. 300 mm from the wall.
- The T-grid suspension grid is centralized into the room so that the free space around the ready grating ceiling is the same everywhere againts the wall.
- The T-grid main runners are installed that manner that the cross runner holes in the main runner are absolutely againts the main runner line.

- The T-grid main runners are fastened into the rods with T-grid butterfly-clip.
- The installation height of the T-grid suspension grid depends on the product height.
- The rods and the carriers delivered by Lautex are ment only for the support of the ceiling products delivered by Lautex. Lautex does not take any responsibility, if other products are suspended from Lautex ceiling or a part of it.

Grating elements :

- Grating elements are placed into the ready T-grip
- When edge lists are used, the last grating element is cut into right measurments so that it fits the last empty space.

Treatment and cleaning :

- The gratings have to be treated carefully and prevent them to be stained. If the grating has to be cleaned, first the dry dust must be brushed away and when needed the stains are removed with a cloth moistured with a diluted soap water.

If Yoy need more information about the installation of the Lautex WT-grating ceiling, please take contact with the technical sales support of Lautex.