

Construction Installation : Lautex W-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 W-grating ceiling is about 1-2 kg/m², depending on the cell size. For example, W-50x50 ceiling weights app. 1,6 kg/m², suspension material included.

Installation order :

1. Installation of the edge lists
2. Fastening of the rods
3. Installation of the hanger runners and cross runners
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 hanger runners 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 (hanger runners) can be chosen according to the rooms length or width.
- The distance between hanger runners can be either 600 mm or 1200 mm depending on the used element size. The distance between rods in the hanger runner direction is max. 900mm.
- If the grating ceiling is installed without edge lists having an empty space on the edge of the room (floating ceiling), the hanger runners has to be installed so that the grating ceiling is centralized into the room so that the free space around the ready ceiling is the same everywhere againts the wall.
- If the edge lists are used, the installation is started with a full element so that first hanger runner is installed to the distance of the full element width (600 or 1200 mm) from the wall. After this the distance between the hanger runners remains the same depending on the used element size.
- The hanger runners are fastened into the rods with butterfly-clips and rivets.
- Hanger runners are extended with the hanger runner splice.
- After this cross runners are installed according to drawing.
- 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 grip made with hanger runners and cross runners.
- When edge lists are used, the last grating element is cut into right measurements 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 You need more information about the installation of the Lautex W-grating ceiling, please take contact with the technical sales support of Lautex.