

Construction Installation of Lautex UP- panels

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 UP-ceiling is about 3-6 kg/m² , depending on the product. For example, UP-200 ceiling (0,7 al) weights app. 3 kg/m², suspension material included.

Installation order :

1. Installation of the edge lists
2. Fastening of the rods
3. Installation of the carriers
4. Installation of the panels, splices and transfer carriers

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, where the ready-installed ceiling will be.
- The edges of the edge list have to be made very carefully so that the edges would not open.

Supporters :

- To support the carriers 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 carriers are installed so that the tongues of the panels are definitely in a straight line between themselves. One can use an installing panel as a help during the installation by placing the carriers into same line with the installation panel.
- The under-side of the carrier is installed into the height, which is above the ready-made ceiling a panel height.
- The rods are fastened to the carrier with distance $\leq 1200\text{mm}$. 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 UP-carrier is extended overlapping the sides against each others. The carriers have to overlap at least that much that two skrew holes nearest to the end of the carrier in both carriers are directed on each others. After this the carriers can be fastened to each others from the holes with minimum two pieces of rivets or M8 bolts.
- The installation of the transfer carrier for example in case of the illuminators is made at the same time as the installation of the ceiling material. When needed, transfer carriers have to be suspended separately.
- 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.

Panels :

- The panels are installed by pushing the panel sideways so that the flanges in the edges of the panel slide into the tongues of the carrier.
- Panels are extended with the UP- splices. Splice is situated as close to the carrier as possible. Splice can be fastened to the panel with glue or double sided tape in order to ensure a tight joint. When needed, transfer carrier has to be used.
- The panel splices are good to be install zigzag.
- The panels with end bendings (UP-200&300) are extended as close to the carrier as possible without splice.
- The panels can be uninstalled by pulling the panel from the tongues of the carrier.

Treatment and cleaning :

- The panels have to be treated carefully and prevent them to be stained. If the panel 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 UP- panels, please take contact with the technical sales support of Lautex.