

Construction Installation of Lautex profiles

(PR-U, PR-C, PR-CS, PR-P, PR-D, PR-A, PR-BM, PR-W, PR-UC, PR-UD)

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 profile ceiling is about 2-6 kg/m², depending on the product. For example, PR-U 100 ceiling (0,5 al) weights app. 2 kg/m², suspension material included.

Installation order :

1. Installation of the edge lists (if used)
2. Fastening of the rods
3. Installation of the carriers
4. Installation of the profiles, 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 profiles are definitely in a straight line between themselves. One can use an installing profile as a help during the installation by placing the carriers into same line with the installation profil.
- The under-side of the carrier is installed into the height, which is above the ready-made ceiling a profile 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. After the first carrier max. distance between the carriers 1500 mm. In demanding projects one has to use smaller distances.
- The PR-carrier is extended overlapping the backs 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 extended 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.

Profiles :

- The profiles are installed by pulling the panel sideways so that the flanges in the edges of the panel go into the tongues of the carrier.
- Profiles are extended with the splices. Splice is situated as close to the carrier as possible. When needed, transfer carrier has to be used.
- The profile can be uninstalled by pulling the profile flanges from the tongues of the carrier.

Treatment and cleaning :

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