CleanCeiling™ - A

- Walkable Cleanroom Ceiling
  - Walkable (150 kg/m²)
  - Individually demountable and replaceable panels
  - Hygienic design
  - Tight design

The Cleanroom with Total Quality – Cleanroom System A

Cleanplus® - System A, is developed and constructed for use in advanced and demanding environments, where superior hygienic conditions, quality, flexibility, and durability is required.

CleanPlus cleanrooms fulfill all GMP requirements as well as all applicable cleanroom standards. CleanPlus cleanrooms have the smoothest and tightest surfaces possible, for safe and simple cleaning.

The walkable cleanroom ceiling is composed of a self-supporting, pendulum suspended varnished framework where ceiling panels are installed from above and tightly soft-joined.

CleanCeiling™ A

The ceiling panels are made of a three-layer laminate design, with a reinforced plasterboard as a core, in between two hot-galvanized steel plates. The cleanroom side of the panel is covered with a layer of food quality polyester lacquer (25 µm). The lacquer is highly UV-resistant and the standard colour is white RR20.

The finished ceiling, with soft-joined panels, is a very tight design. There is no detectable leakage through the CleanCeiling at a pressure difference of up to 80 Pa.

The ceiling is delivered as several standard modules, e.g. 1200x2400 mm. When engineering a cleanroom ceiling, modules of a common size are generally preferred. This approach maintains flexibility and facilitates the substitution of single elements in the cleanroom set-up.

The suspension of the cleanroom ceiling is very flexible, as the pendants can be shifted in the framework. This enables simple adjustment to other installations above the cleanroom.

The ceiling is walkable with a distributed load of 150 kg/m².

The finished ceiling has a very smooth and tight design which makes it easy to clean.

The installation always start with the pendulum suspended framework.
CleanCeiling™ A
Walk-on ceiling
HEA200 or similar

Beam Clamp Hilti M8 (model according to beam)

Hilti beam MQ (model according to width)

Threaded rod M8fb (Length = steelheight - cleanroom ceiling height - 200mm)

Wing nut Hilti M8D-M8

Pendulum CleanPlus acc to T-list

IPE200 or similar

Beam Clamp Hilti MAB-9

Threaded rod M8fb (Length = steelheight - cleanroom ceiling height - 150mm)

Pendulum CleanPlus acc to T-list

PENDULUM SUSPENSION STEEL CLEANCEILING™ SYSTEM A

DwgsNo 10-1096-2e

RevNo A
Drop in anchor M8 Hilti: HKD-E M8x30

Threaded rod M8x200
(Length = Concrete slab height - Cleanroom ceiling height - 200mm)

Pendulum CleanPlus acc to T-list