



## clean-ceil ceiling system

is an efficient and ideal solution for single-skin absolutely flush grid panel ceilings unsuitable for walking on.

The system is based on experience gained from many years of development, and satisfies all the requirements for a very wide variety of types of clean room.

Thanks to the standardised grid panel sizes, all ceiling elements are available on very short lead times.

### Flexible adaptation

**clean-ceil** is suitable for a very wide variety of types of clean room concepts and installations of any size. The standardised grid panel sizes (625 x 1250 or 625x625 mm) ensure tailor-made solutions to every requirement.

The use of **high-quality aluminium** enables lightweight construction combined with high stability and quick installation of the complete ceiling system.

### Independent room planning

The division of the room and the erection of partition walls can proceed independently of the grid panel ceiling. There is no need for additional strip profiles within the grid for attachment to the partition walls. This permits completely individual and functional clean room concepts: an inestimable advantage. This unique individuality is possible only because all **clean-ceil** elements are absolutely flush and the ceiling forms a stable frame so that partition walls can be placed in any desired position as required.

### Very simple installation

The standardised grid rails can be assembled together to form a sturdy base frame quickly, easily and **without special tools**. After this the functional elements such as air outlets, return air grilles, filter fans and lights are inserted to suit – exactly where they are needed. The plain panels are then fitted at the places where the partition wall will run. Finally the remaining plain panels are fitted in order to seal the entire installation. For precise fitting, the plain panels abutting the wall are cut to size on site.

All cut edges are concealed within the wall connection rails. The visible result:  
**an absolutely flush, diffusion-proof unit!**



**clean-ceil** grid panel ceiling with step in the ceiling



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### Suspension

M6 galvanised threaded rod with clamping lock.

### Anodised aluminium grid profiles

Ceiling panels of powder coated sheet steel or aluminium standard colours (similar to) RAL 9002 / 9010

### Installation frame for air outlets

for flush installation of all commercially-available air outlet boxes with a swirl vane within the grid panel size

### Components

#### 625 module grid:

- Profile bearers 625, 1250, 2500 mm
- Ceiling panels 625x625 / 625x1250 mm

#### 600 module grid:

- Profile bearers 600, 1200, 2400 mm
- Ceiling panels 600x600 / 600x1200 mm

Grid dimensions	625x625 / 625x1250 mm, or 600x600 / 600x1200 mm
Available versions	non walk-on
Panel thickness	65 mm
Grid	1200 x 2400 mm
Operating pressure	-200 Pa to +100 Pa
Suspension	M6

#### Optional

built-in light LED

wirl diffuser

inspection opening

vertical lining for the ceiling