



BATTERY PACKAGE



This product package has been specifically designed to meet the needs of battery manufacturers and has been tested in both small and medium-sized systems and in the construction of Giga Factories.

The package consists of the following elements:

- The Grid ceiling
- The Fan Filter Units
- The Batten Lights
- The Partition Walls
- The Doors

SKU: N/A



PRODUCT DESCRIPTION

The Grid Ceiling

The system has been designed for the construction of false ceilings of Clean Rooms corresponding to the most recent and severe construction techniques, as well as to the most demanding conditions dictated for environments with the strictest Cleanliness Classes (up to ISO 4). The profiles in anodised extruded aluminium are assembled on T and L cross joints in die cast aluminium to form false ceiling support grills: the size of the grill can be enlarged up to 1.2 x 2.4 m.

Seal is of the dry joint or mechanical type.

The system allows for fast fitting and removal and easy rearrangement if the layout has to be modified.

Blank panels

Modular sandwiches having the following characteristics:

- panel thickness: 19mm;
- lower lining: in pre-painted sheet steel th. 0.5mm;
- upper covering: in galvanized sheet metal th. 0.5mm;
- internal spacer: in metal fret with trapezoidal design th. 0.3mm.

The Fan filter units

Fan Filter Units designed for large size Clean Rooms where the levels of cleanliness, noise and absorption are extremely strict. The AIR-1-LC series Filter Fan Units offer cutting edge technology for modern Clean Rooms.

[Discover more details](#)

The Batten Lights

The T5 Batten Light is an integrated design for Cleanrooms and Dry Rooms applications. High-efficiency light engine with long life and excellent color ensures excellent quality light. They can be seamlessly connected to optional cables or connectors.

[Discover more details](#)

The Partition walls

Self-supporting sandwich panels having the following characteristics:

- DR internal lining: in sheet steel, th. 0.8 mm, painted similar to RAL 9010;
- DR external cladding: in sheet steel, th. 0.8 mm, painted similar to RAL 9010;
- internal spacer: in mineral wool with oriented fibers 120 kg/mc.

The Doors

Wing Doors

All-glass doors having the following key features:



- jamb and jamb profiles in anodized extruded aluminium;
- sealing gasket of the ledge;
- retractable overhead mechanical door closer inserted in the upper crosspiece of the leaf with adjustable charge recall device;
- handle with lock;
- security panic device (where necessary).

Roll-up doors

Rapid roll-up doors, specifically designed for contamination-controlled environments, with the following key features:

- Perfect seal: the patented guides and the applied technology make it possible to avoid dispersions, keep the environment intact and save energy.
- Compact and modern: Motor installed in the unwind drum.
- Self-repairable: The sheet is automatically reinserted into the guides.
- Flexible fabric without rigid elements.
- Wireless electronic protection at the bottom of the fabric for additional security.
- Motor driven by an inverter and with encoder for more reliability.
- Self-diagnostic control panel













