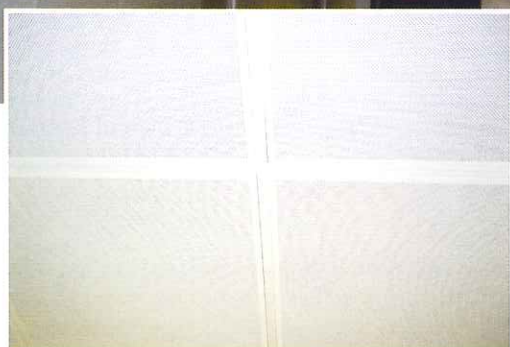


System 210

Fine Line Lay-in Ceiling

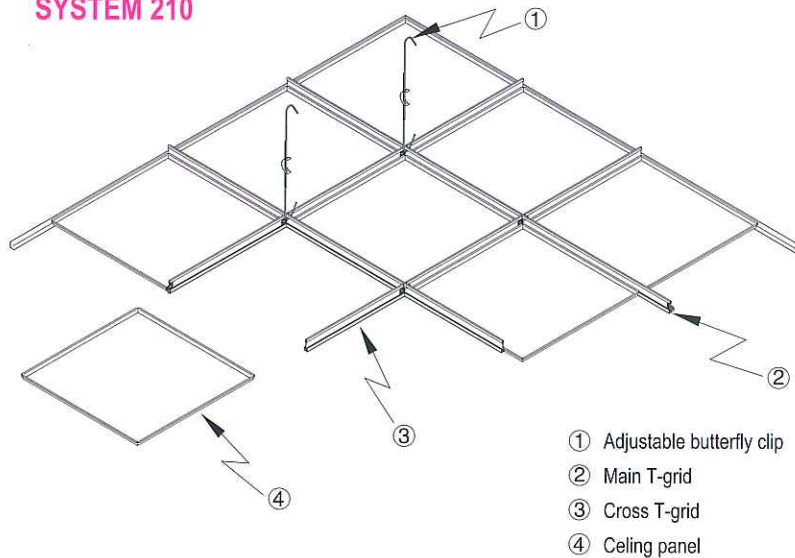


System 210

Fine Line Lay-in Ceiling

Neat and slim exposed T-grid with aluminium profile; flushed with ceiling tile surface; integrated with demountable wall partitions. Ideal ceiling system for modern offices available from "Suckow & Fischer" Germany.

SYSTEM 210



Advantages of System 210

- Exposed T-grid system flushed with ceiling tile surface
- Simple in design planning of room configuration
- Flexible floor plan re-allocation from time to time
- Easy to integrated with wall partitions & other building services
- Good sound insulation with mineral wool pads
- Low maintenance with durable product life

System 210 Fine Line Lay-in Ceiling Systems

A refinement of conventional exposed T-grid lay-in ceiling system. In addition to the features of the conventional exposed T-grids, the system is simple in design planning for room configuration and flexible to re-allocate of demountable wall partitions by connecting the head-rails with M6 screws into the recessed groove line at the centre of the ceiling grids. It is suitable for applications in commercial, public and administrative buildings. The system is integrated with building services such as light fittings, air-conditioning outlets, sprinkler heads, broadcasting equipment and signage.

The Suspension System

The system consists of galvanized steel T-grids with 15mm wide x 16mm high extruded aluminium profile at the front surface. The **DP 70** main, **DP 71** & **DP 72** cross runners are interlocked at intersections to form a rigid structural ceiling sub-frame for the ceiling panels. The extruded aluminium profile has recessed groove channel at the front surface are miter-jointed at intersections to form continuous recessed groove channel along the ceiling tile perimeter. The system is suspended by G.I. rods with butterfly clips or threaded rods with **ZA 16** suspension brackets directly from the concrete soffit at distance between 1,000 to 1,200mm maximum.



The Lay-in Panels

The lay-in panel is fabricated with precision-engineered equipment to achieve flat and dimensionally stable surface. The ceiling panel is fabricated with outward flange on four-side of the panel to lay onto the T-grid profile. Standard panel sizes are 584x584mm, 584x1184mm and 284x1184mm for the ceiling modules of 600x600mm, 600x1200mm and 300x1200mm c/c with ceiling grids. Other panel sizes and ceiling modules are also available upon requests.

Perforated Panels

For interior application, lay-in ceiling panels can be perforated for decorative purpose or for acoustic effect by adding non-woven acoustical black fleece or mineral wool acoustical pads. For more information, please refer to **"Suckow & Fischer"** Metal Ceiling Technical Brochure.

Fabrication Quality & Standards

Ceiling panels are manufactured according to Technischer Arbeitskreis Industrieller Metall-deckenhersteller (TAIM) standards, Germany; together with quality compliance as defined by ISO 9001-2000 quality standards.

Wall & Perimeter Treatments

Available in standard wall trims or custom made bulkheads, up-stands and window pelmets; all designed to incorporate with ceiling panels in matching colours.

Building Services

The ceiling system can be designed to incorporate other building service facilities such as down lighting fixtures, sprinkler heads, smoke & fire detectors, security and broadcasting systems. The ceiling grids can also accommodate signage or banners by fixing with M6 screws into the recessed groove channels. Pre-opening holes on ceiling panels fabricated at the factory are available as options.

Base Material & Finishes

Base material of ceiling panels can be aluminium in 0.7mm thick or electrolytically galvanized steel in 0.5mm thick, standard White RAL 9016 or other RAL colours. Finish coating of the panels can have the choices of using polyester powder coating, or coil coated in advanced polymer system, or polyvinylidene di-fluoride (PVDF). For more information, please refer to **"Suckow & Fischer"** Metal Ceiling Technical Brochure.

Access to Plenum

Lay-in ceiling panel can be dismounted and removed from the T-grid profiles by hands without using special tools. Gently push the panel upward and tilt the ceiling panel to remove from the T-grid profiles.