

System 4300

Lay-in Metal Plank Ceiling

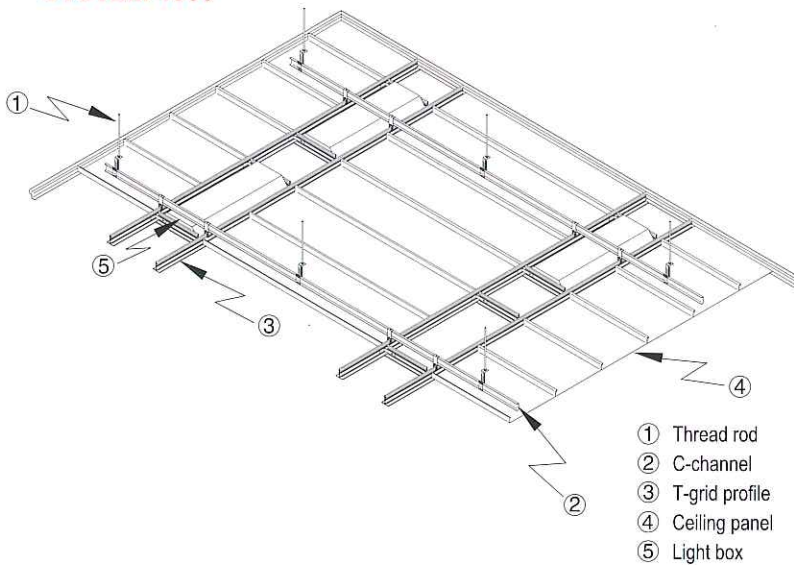


System 4300

Lay-in Metal Plank Ceiling

Breakthrough of conventional ceiling tiles for commercial offices with specially designed T-grid systems with confined ceiling area & building service zone from "Suckow & Fischer" Germany.

SYSTEM 4300



Advantages of System 4300

- New concept of dividing ceiling and building services zones
- A neat and uniform ceiling layout
- Flexible in design planning for room configuration
- Integrated with other building services
- Economical solution for large offices & commercial area
- Demountable by lifting & tilting ceiling tile without hand tools
- Low maintenance with durable product life

System 4300 Lay-in Metal Plank Ceiling System

A newly developed ceiling system with confined building service zone that provides neat and uniform ceiling layout. Unlike the conventional square tile ceilings where building service fixtures are installed here and there without uniformity; our new system provides functional practicality of keeping air-conditioning outlets, lighting fixtures, sprinklers, smoke detectors or loudspeakers along the designed service zones. The system is ideal in design planning for offices & commercial applications and is cost effective for large ceiling areas. The proprietary suspension system is developed to provide flexibility in ceiling & building services design as well as convenience in ceiling installation.

The Suspension System

The suspension system consists of proprietary **C 37** primary C-channel and secondary profiles **DP 46 E** 40mm wide aluminium T-grids to form a rigid structural ceiling frame for the metal plank ceiling. At the defined building service zones, additional cross runners of **DP 46 E** to be connected to the main runner by means of **1/173 E** angle brackets to form openings for light fixtures or air-conditioning outlets etc. The **C 37** primary runners are suspended with **SF 1/80E** connecting brackets by M6 threaded rods directly from the concrete soffit at the distance of less than 1200mm c.o.c. and the secondary profiles **DP 46 E** are connected to the primary runner according to the length of ceiling plank s with **ZA 75 E** hanging brackets.



The Lay-in Metal Plank Ceiling

The high quality lay-in metal plank in 300mm width is fabricated with precision-engineered equipment to achieve dimensionally stable surface. The metal ceiling plank has overlapped configuration on panel length to provide concealed joints between panels. The panel length can be varied depending on the design span of building services up to 2500mm. The ceiling panel is simply to lay on the exposed T-grid profile. Panel ends can be fabricated with upstands as optional. Panel width in 300mm width is standard; other widths are available upon request. For design consultation, please contact "**Suckow & Fischer**" office for details.

Perforated Panels

Ceiling planks can be perforated for aesthetic purpose or for acoustic effect by adding non-woven acoustical black fleece or other acoustical material. 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

A unique feature of System 4300 that lay-in metal planks can be designed to install on rows with separate building service zones to incorporate other building service facilities such as air diffusers, down lighting fixtures, sprinkler heads, smoke & fire detectors, security and broadcasting systems. Pre-opening holes fabricated at the factory are available as options.

Base Material & Finishes

Standard material of 300mm width ceiling panels is 0.7mm coil coated aluminium in Fischer White. Options are available for mill aluminium or electrolytically galvanized steel in standard RAL 9010 or other RAL colours. Thickness of the base materials depends on panel sizes. Finish coating of the panels can have the choices of using polyester powder coating or polyvinylidene di-fluoride (PVDF). For more information, please refer to "**Suckow & Fischer**" Metal Ceiling Technical Brochure.

Access to Plenum

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