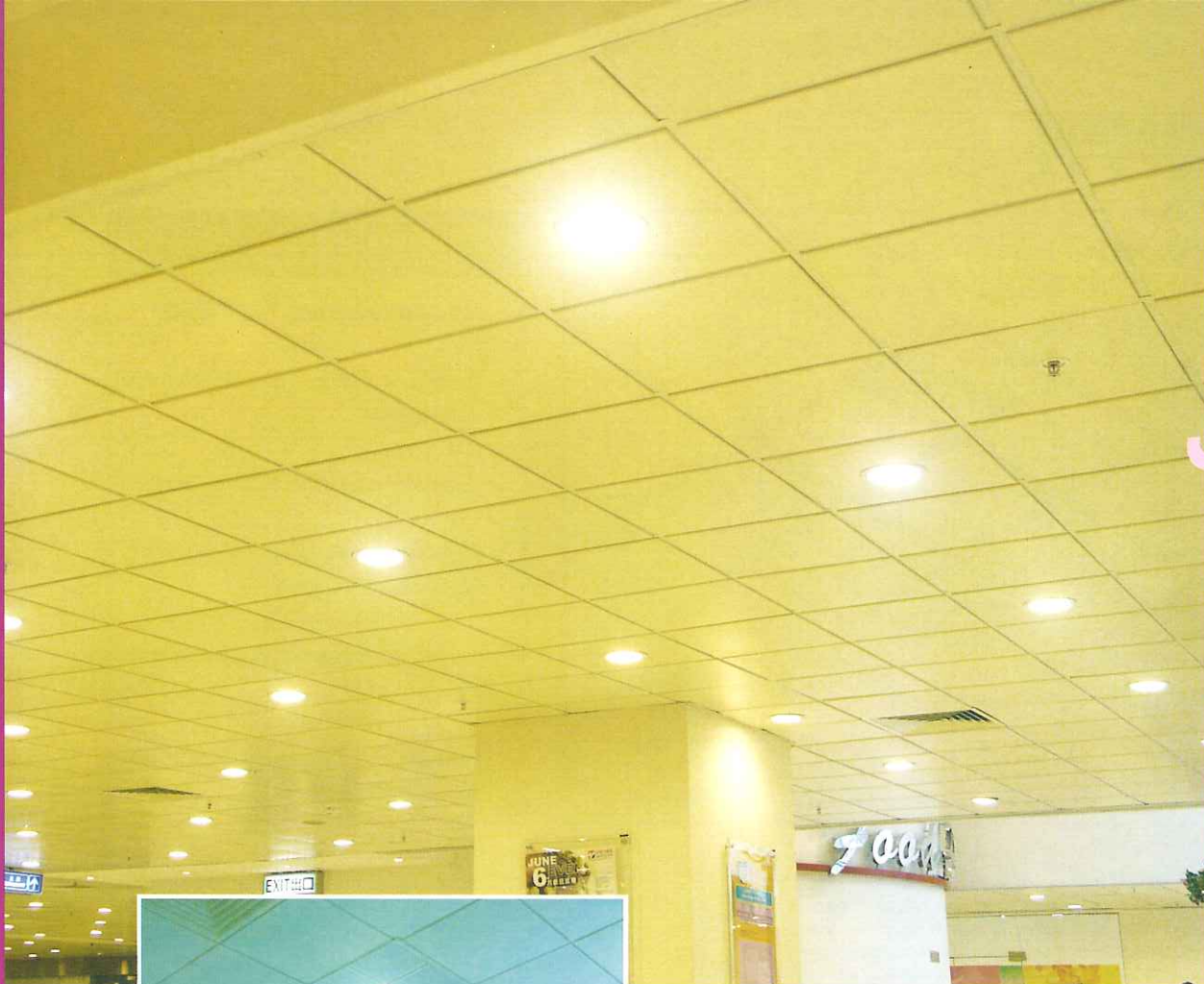


# System 220 / 2158 Lay-in Ceiling



## System 220 / 2158

### Lay-in Ceiling

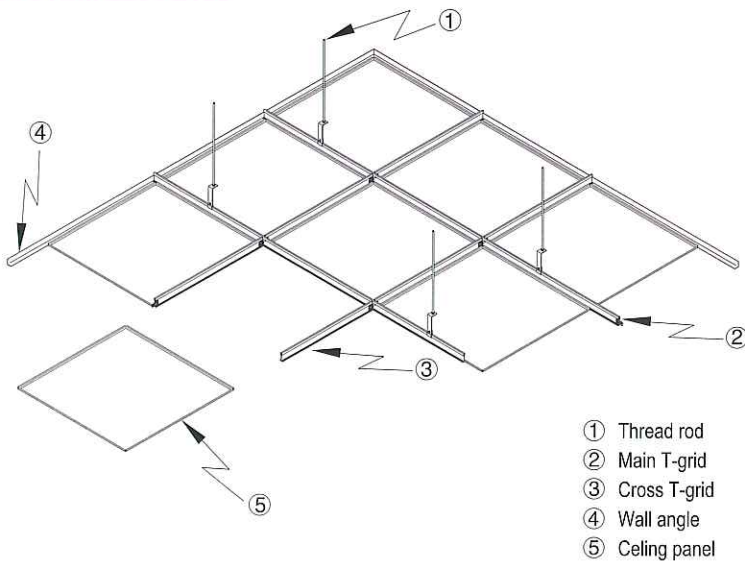
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Simple and conventional exposed T-grid systems with lay-in ceiling tiles to form recessed gridlines or flush front surface available from "Suckow & Fischer" Germany.

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## SYSTEM 220 / 2158



## Advantages of System 220 / 2158

- Exposed suspension T-grid system
- Simple in design planning of room configuration
- Integrated with other building services
- Demountable by lifting & tilting ceiling tile without hand tools
- Low maintenance with durable product life
- Most economical ceiling solution with simple installation

### System 220 - Lay-in Ceiling System

Lay-in ceiling system is one of the popular exposed suspended metal ceiling systems for interior applications. The system is simple in design planning for any configurations and is cost effective for large or small ceiling areas. The proprietary suspension system is economical and easy to assemble on site as well as simple to access the plenum by lifting the ceiling tiles off the grids. It is one of the economical ceiling systems for commercial, public and administrative buildings.

### The Suspension System

The suspension system consists of exposed 24mm or 15mm T-grids to form a rigid structural ceiling frame for the ceiling panels. The main runners and the cross runners have interlocking device to form openings for ceiling tiles to lay on. The main runners are suspended by G.I. rods directly from the soffit with adjustable butterfly clips or by threaded rods with **ZA 16** hanging brackets at the distance of 1000 to 1200mm c.o.c..

### System 2158 - Lay-in Ceiling System

The System 2158 has similar functions and features compared to System 220 except the ceiling grid is a U-fine-line 15mm T-grid which has 8mm deep recessed channel running along the grid surface. The ceiling tiles sitting on the grids will form flush front with recessed channel along the four-side of the ceiling tiles. The system is integrated with building services such as light fittings, air-conditioning outlets, sprinkler heads and signage.

### The Suspension System

The suspension system consists of exposed U-fine-line 15mm T-profiles with 8x15mm U-channel opening at the surface to form a rigid structural ceiling frame for the ceiling panels. The main runners and the cross runners have interlocking devices with miter joints at intersection to form openings for ceiling tiles to lay on. The main runners are suspended by G.I. rods directly from the soffit with adjustable butterfly clips or by threaded rods with **ZA 16** hanging brackets at the distance of 1000 to 1200mm c.o.c..

### The Lay-in Ceiling Panels

The high quality 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 tile, to lay on the T-grid profiles. Standard panel sizes are 575x575mm, 575x1175mm, 275x1175mm, 584x584mm, 584x1184mm and 284x1184mm to form 600x600mm, 600x1200mm or 300x1200mm c/c ceiling module with beveled or square edge on four sides. Other formed panel sizes are available upon request; please consult "Suckow & Fischer" personnel for details.

### 575x575mm, 575x1175mm & 275x1175mm Ceiling Panels

Ceiling panel is available in beveled or square edges with outward flanges on four-side to lay onto the 24mm T-grid profile to form recessed shadow line in 8x25mm along the perimeter of the ceiling panels.

### 584x584mm, 584x1184mm & 284x1184mm Ceiling Panels

Ceiling panel is available in beveled or square edges with outward flanges to lay onto the 15mm T-grid profile to form recessed shadow line in 8x16mm along the perimeter of the ceiling panels.

Alternatively, ceiling panel with square edges, which shall be flushed with the surface of the U-fine-line grid to form recessed groove line in 6x15mm along the perimeter of ceiling panels.

### Perforated Panels

For interior application, lay-on 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.

### Base Material & Finishes

Base material of ceiling panels can be aluminium or electrolytically galvanized steel in standard RAL 9016 or other RAL colours. The other thickness of the base materials is available upon request. 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.

