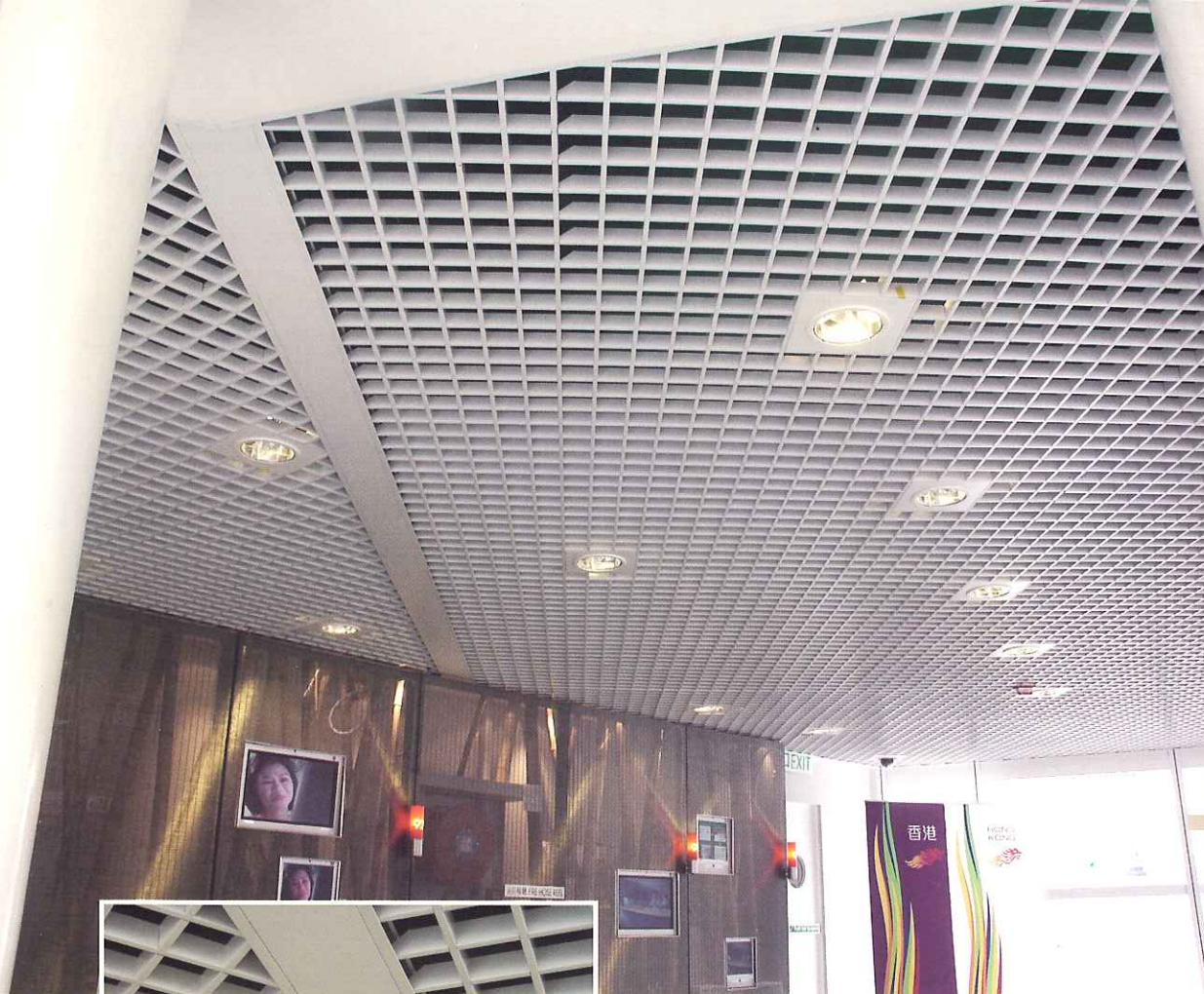


Panel System 612 GM

Open Cell Ceiling



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Open Cell Ceiling

A popular, decorative, versatile open type cell ceiling system with various cell modules for interior applications from "**Suckow & Fischer**".



Panel System 612 GM Open Cell Ceiling

Panel System 612 GM open cell ceiling is one of the most popular open grid ceiling systems for interior applications.

The standard cell ceiling element is 600 x 1200mm c/c (also available in 600 x 600mm upon request) with optional various cell modules and heights for selection. The cell ceiling element comprises of upper and lower strips in 12mm width, which are interlocking to each other to form the cell modules with the choices in: 50x50mm, 75x75mm, 100x100mm, 150x150mm and 200x200mm c/c. There are also two standard cell heights available: 40mm or 50mm besides the choices of cell modules.

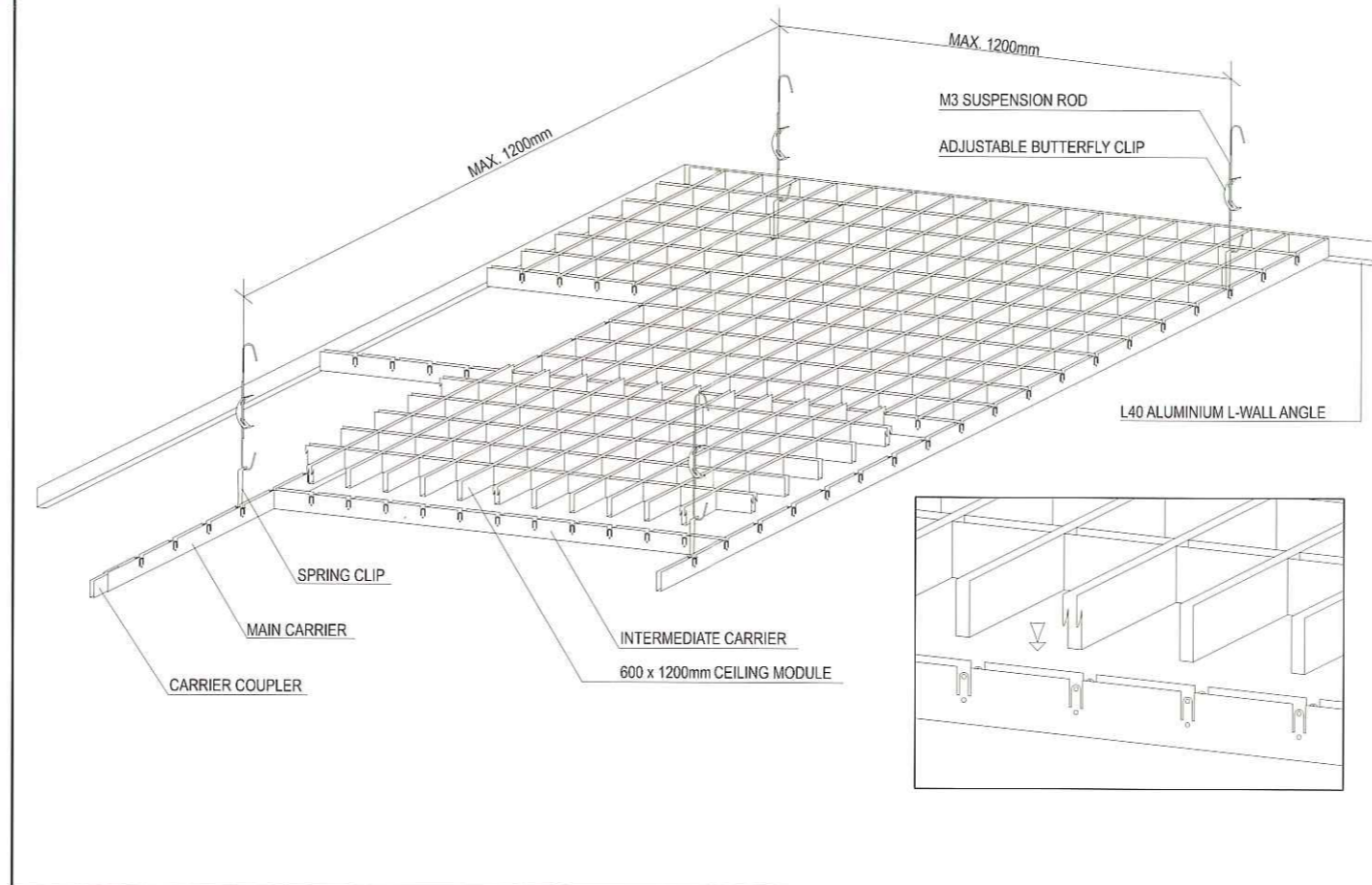
The system is easily integrated with the building services such as lighting fixtures, air-conditioning outlets, signage, broadcasting and sprinkler systems regardless of sizes. Factory fabricated colour matching aluminium adaptors with cutout openings for downlights, loudspeakers and sprinkler heads to form a flush front surface with the cell ceiling are optional upon request. The system is widely chosen as interior decorative ceiling at shopping malls, exhibition centers and public area of administrative & office buildings.

Panel Carriers & Suspended System

Main and cross carriers are interlocked in right angle to create an open grid in standard 600 x 1200mm module (or optional 600 x 600mm module). The main and cross runners are in the same shape and colour as the cell elements in 12mm width. Therefore, the main and cross runners are completely integrated with the cell elements and not easy to be identified from the ceiling surface after installation.

The main carrier in 2400mm length is suspended to

Panel System 612 GM Open Cell Ceiling



structural soffit in carrier span of 1200mm c/c (carrier span to be 600mm c/c for 600 x 600mm cell element) by means of spring clips and G.I. rods. The maximum distance between suspension points is 1200mm. Ceiling modules clip onto carrier channels. The intermediate carrier is interlocked onto main carrier at 600mm c/c to form 600 x 1200mm grid module. The assembled cell ceiling elements are hooked on the factory pre-punched cutouts of the main and cross runners.

Materials

The open cell ceiling panel is made of aluminium alloy coil-coated in advanced polymer system. The aluminium coil thickness is 0.5mm.

Finishes

Polyester stove-enamelled coil-coated finish on visible side is minimum 20 micron thick; non-visible side is 5 micron thick prime coated. Optional polyester powder coated finishes with minimum 60 micron thick in RAL colours are available upon request.

Fabrication Process

Continuous cold rolling technique is applied to form ceiling panel to the required shape.

Standard Panel Length

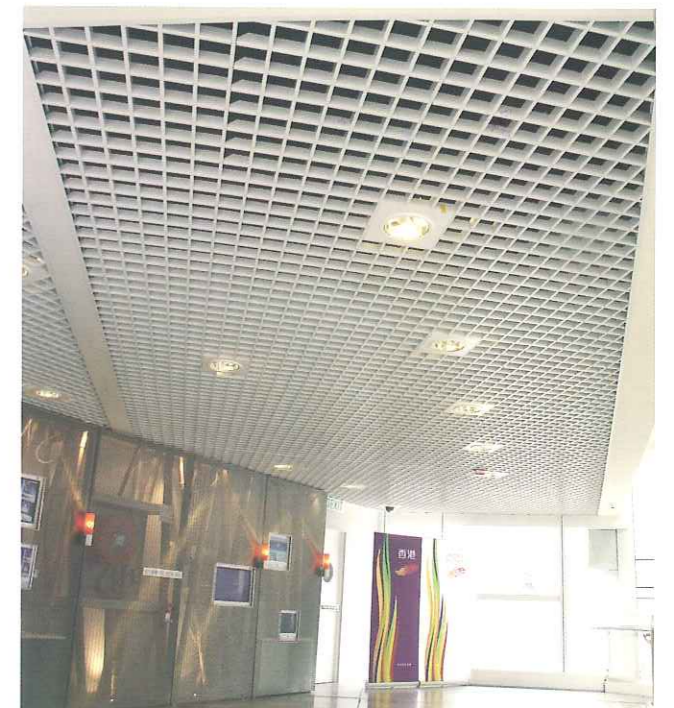
Main carrier : 2400mm
 Intermediate carrier : 1200mm (optional 600mm)
 Upper panel strip : 600mm
 Lower panel strip : 1200mm (optional 600mm)

Overhead Clearance

Minimum overhead clearances : 100mm for 40mm high ceiling panel
 Minimum overhead clearances : 120mm for 50mm high ceiling panel

Advantages of Panel System 612 GM Open Cell Ceiling

- Open cell ceiling with integrated suspension carriers in same shape and colour.
- Choices of various cell modules and panel heights.
- Fully integrated with all building services.
- Colour consistence with coil coated material.
- Simple suspension system.
- Low maintenance; dismantle individual cell element possible.



Accessories

