

EXPANDED MESH CEILING SYSTEM

Expanded mesh ceiling system is different from other ceiling system as it provides an unobstructed view to the ceiling cavity. Rather than a uniform ceiling design, expanded mesh ceiling system can help create a space with a more interesting visual impact. When integrated with suitable lightings, an aesthetically pleasing shading effect can be achieved. When noise level is a consideration, acoustical inlay can be placed onto the mesh ceiling for a higher level of sound absorption.



PROPERTIES

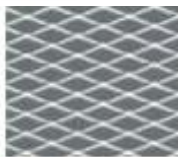
Expanded Metal – Square Lay-in



Lattice
Item 6136AM
Spacing: 0.036"
% Open Area: 73%
SWD 0.250"
LWD 0.500"



Scallops
Item 6137AM
Spacing: 0.048"
% Open Area: 61%
SWD 0.295"
LWD 0.394"



Trellis
Item 6138AM
Spacing: 0.060"
% Open Area: 70%
SWD 0.515"
LWD 1.200"



Cascades
Item 6139AM
Spacing: 0.080"
% Open Area: 23%
SWD 0.950"
LWD 2.000"

Product Features



Anti Corrosion



EASY INSTALLATION



LOW MAINTENANCE

Applications

Any places that require ventilation and low noise exposure like offices, school, corridor, shopping centres, airport and train station.

Technical Specifications

Material: Expanded Mesh 1.2mm thick Aluminium Alloy; Frame 2.0mm thick Aluminium Alloy

Size: 600mm x 1200mm / 600mm x 600mm
Other sizes available upon request

Surface finishing: Powder Coating

Options: Lay on Tee Grid/ Hook & Lay/ Clip-in/ Swing-down

The expanded mesh ceiling is fabricated by welding the mesh panel onto a circumferential metal frame. This gives the ceiling system high stability and accuracy.

Colour Selection



Pearl White



Metallic Silver



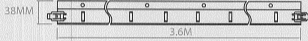
Custom



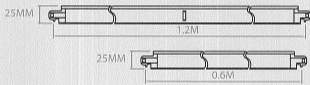
1000 Tai Seng Ave
#01-2514 Singapore 534421
acmetal.com.sg
enquiry@acmetal.com.sg

Module 1200mm x 600mm Lay-On Tee Grid

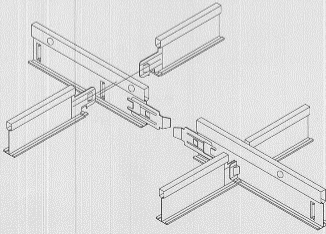
Main Tee is a double web section of 38 mm high, made in standard length of 3.6m with integral push lock splices at both ends for easy interconnection. The end splices have been tested to sustain a pulling force of 68kgf before separation. The bulb is pre-punched with 6mm hanger holes and the body is pre-punched with "H" slots at 75mm from ends and 150mm in between to receive cross tees.



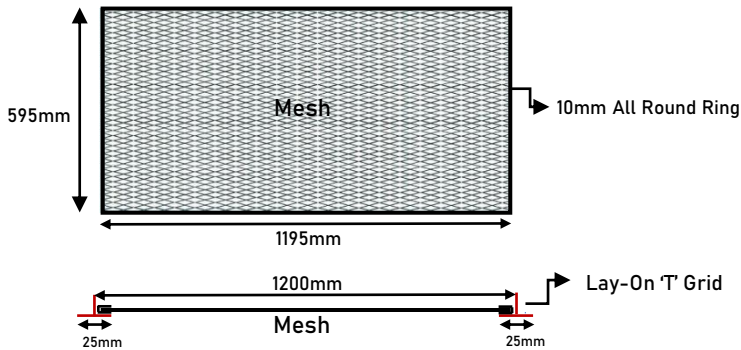
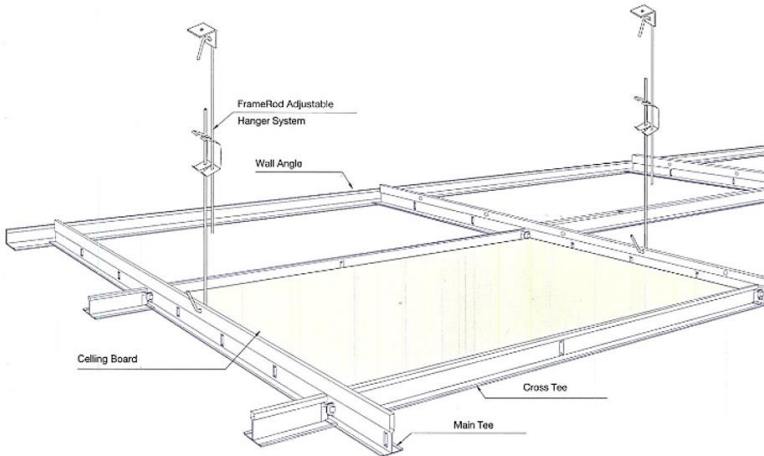
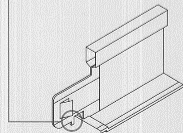
Cross Tee is a 25mm high double web section with joggled flange at both ends. It has integral splices at both ends for straight entry to the main tee for interlocking connections. The precision of the joggle ensure minimum "floating effect" of ceiling boards. Each end splice has a built-in fire nib which will be broken as a result of linear expansion of the grid during a fire, allowing movement of the cross tees to maintain the structural integrity of the ceiling system. Cross tees are available in the standard 1.2m and 0.6m per length.



Connection between Main and Cross Tees



Cross Tee Fire Nib



Lay-On Design with 25mm frame

