ALZAHABIA
WALLS & CEILINGS PROFESSIONALS

Metal Strips Ceiling Systems



WE ARE THE PIONEERS ... WE ARE THE BEST

www.alzahabia.net

CHECK WHAT THE PROFESSIONALS .. OFFERING YOU !

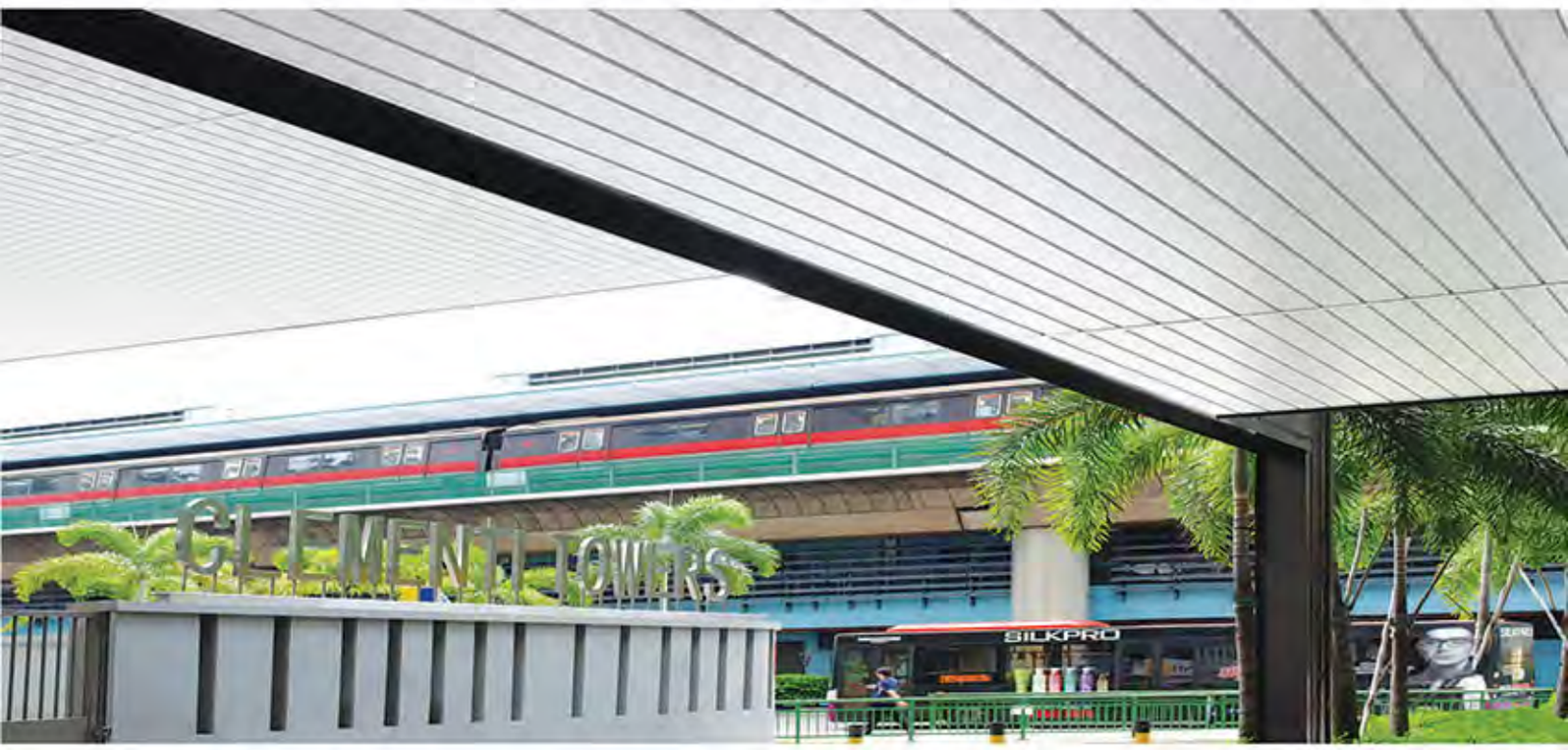
ALZAHABIA offers you a variety of metal suspended ceiling Strips, so that nothing but your creativity and imagination are needed to create a master ceiling and not just any ceiling.

Our new " ZS " series will complement and enhance any decorative work be it, Commercial, Institutional, Industrial or Residential space.

ALZAHABIA " ZS " Series includes but not limited to Systems (ZS 1, ZS 2, ZS 3, ZS 4 and ZS 5) all offer different choices in ceiling types, material, sizes, suspension System, face pattern and performance levels, that can be applied in any space configuration as needed.

ALZAHABIA Ceilings Systems with exposed OR concealed suspension system allow for simple and fast installation and includes essential services with comfortable access for maintenance.

ALZAHABIA ceiling systems and products are finished with electrostatic powder coating OR polyester powder coating for external use, which is factory applied to Galvanized Steel or Aluminum and Stainless Steel.



FEATURES OF THE ZS SERIES

- Durable and Economical.
- Modular Appearance.
- Easy Installation.
- Easy Accessibility.
- Humidity Resistance.
- Different Types, Colors and Sizes.
- Long lasting.
- Easy Maintenance.
- Acoustic Performance.
- Suitable for exterior applications.



Environment Friendly Products

Traditional Application STRAIGHT

INSTALLATION

1. Study the engineering drawings well, and keep the place very clean.
2. Determine from the charts the required numbers of each profile, bearing in mind that: the minimum height from mounting structure is 100mm and The minimum constructional height of (CA2) installed directly to the soffit is 27mm.

3. Preview existing ceiling and existing services and their relationship with the suspended ceiling and as well, places for installing the ceiling rods.

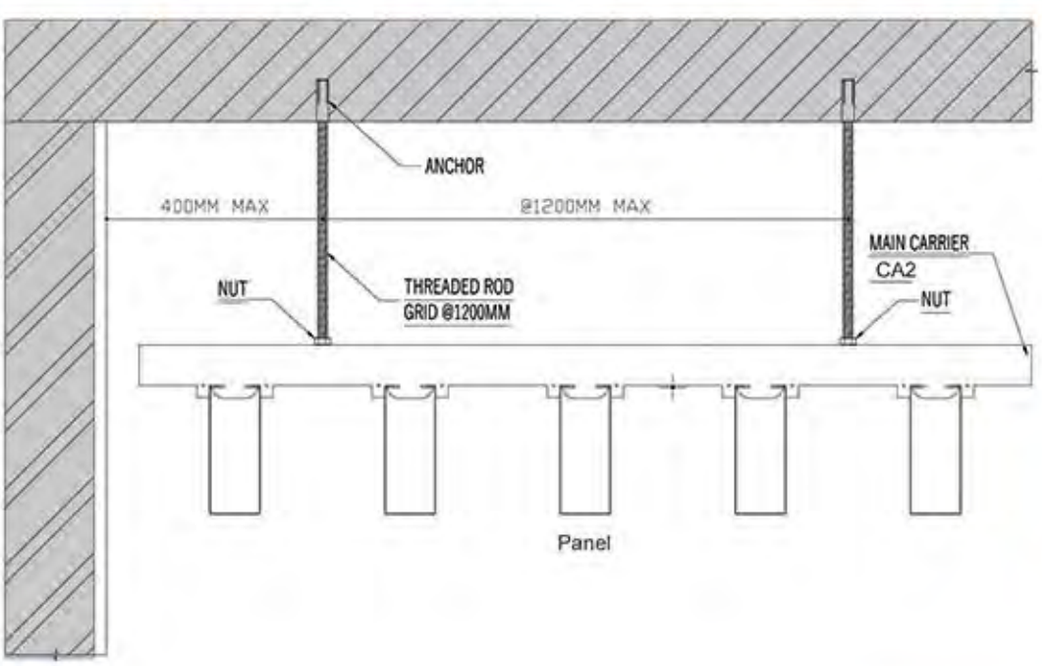
4. Use a laser Leveling Tool or equivalent to determine the exact height, draw a line around the room indicating where the wall angle will be applied (no need angle here only for adjust the panel level).

5. Measure the depth from soffit to bottom of the main carrier and add 100mm over, then cut and fixing directly to soffit by steel plug anchor bearing in mind that the maximum space between carriers not exceeds than 1200mm in all direction and the first rod must be not far from the wall than 400mm.

6. Suspend the main carrier (CA2) with Threaded rods (6mm) and must not exceed the distance between the Main carriers than 1,200 mm, It also must not exceed the distance between the carrier and the main wall than 400 mm.

7. All carriers CA2 must be parallel and starting with the same slots.







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INSTALLATION

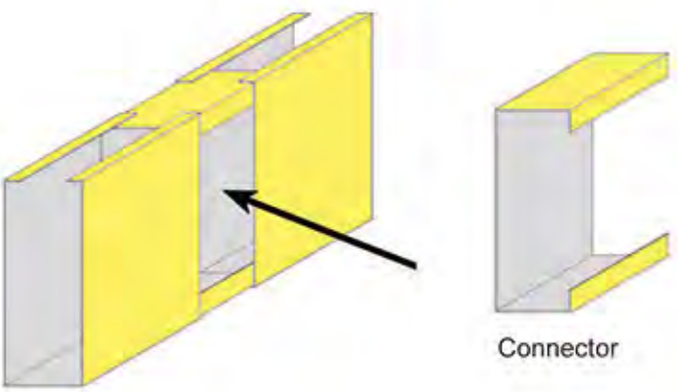
8. Install the baffle by passing its lips inside carrier slots, Preferably not exceeding the distance between strips and the around walls more than 2cm.

9. Place the closer Cap on the top of the carrier (CA2-A)to make a lock for Baffles , and you can easy dismantle the baffles by raising the closer cap OR Use CA2-B that does not need for closer cap because it has closer lips that maintains the baffles in its place.

NOTE: - Services (lighting-diffusers ...etc.) can easily be installed above strips line or below open line.



Connection Between Baffles







(Technical Data Sheet)

Material

1.Steel Sheets : Hot dipped galvanized steel sheets Comply With ASTM A653 (with skin pass precess), thickness 0.4mm up to 0.6mm H 60 the zinc coating not less than 120gm/m and painted with Elector Static (epoxy) Powder coating in interior usage or Using pure polyester Powder coating for exterior usage.

2.Aluminium sheets : grad (1060) temper H16,H24,thick 0.6mm up to 0.8mm and painted with Elector Static (epoxy) Powder coating in interior usage or Using pure polyester Powder coating for exterior usage, thick paint 60- 80 Microns for the face and sides, Standard color White Ral 9016 & Special colors can be provide upon client Request .

Surface Finish

1.Plain or perforated (see perforation patterns on page 60)

Durability

1.The Strips withstands wash, Scrub and Soil.

LEED

products achieve the fulfill requirements of MR credit 4 and MR credit 5

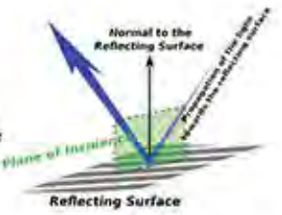
Anti microbial

1.Surface does not allow Bacteria and Fungus to grow, this Attributed to the special coating which comply with tests JIS 2801-2000. ASTM D3272



Light Reflectance

1.72 % for plain surface
2.54% for perforated surface
Under tests ASTM C549



Acoustic

1.NRC : Perforation surface can achieve up to 0.9NRC and Plain surface achieves 0.3 NRC by using suitable insulation pads filling on the Panel back side. under tests ASTM C423



Fire Rating

The Materials non combustible
Under tests ASTM E119

Fire Performance

1.Flame spread index 25 or less
2.Smoke spread index 50 or less
Under tests ASTM E84



Cleaning GM Metal Ceiling Strips



The white surface paint coat on Metal Strips is a long lasting durable powder coat application. Cleaning intervals will be dictated by the environmental usage / conditions.
Use mild Luke warm soapy water or window cleaner.
Do not use scouring powders or strong chemical detergents.

ALZAHABIA

Means Safe Products



Green Building

90% recyclable at end of product life.

Safety / Maintenance

Chemical Characteristics : None
Dangerous components : None
Ecology and Health: Golden Metal ceiling strips use pure white painting color RAL 9016. The paint consists of non organic binders derived from epoxy resins, color pigments and small amounts of inorganic additives free from harmful substances.