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 !

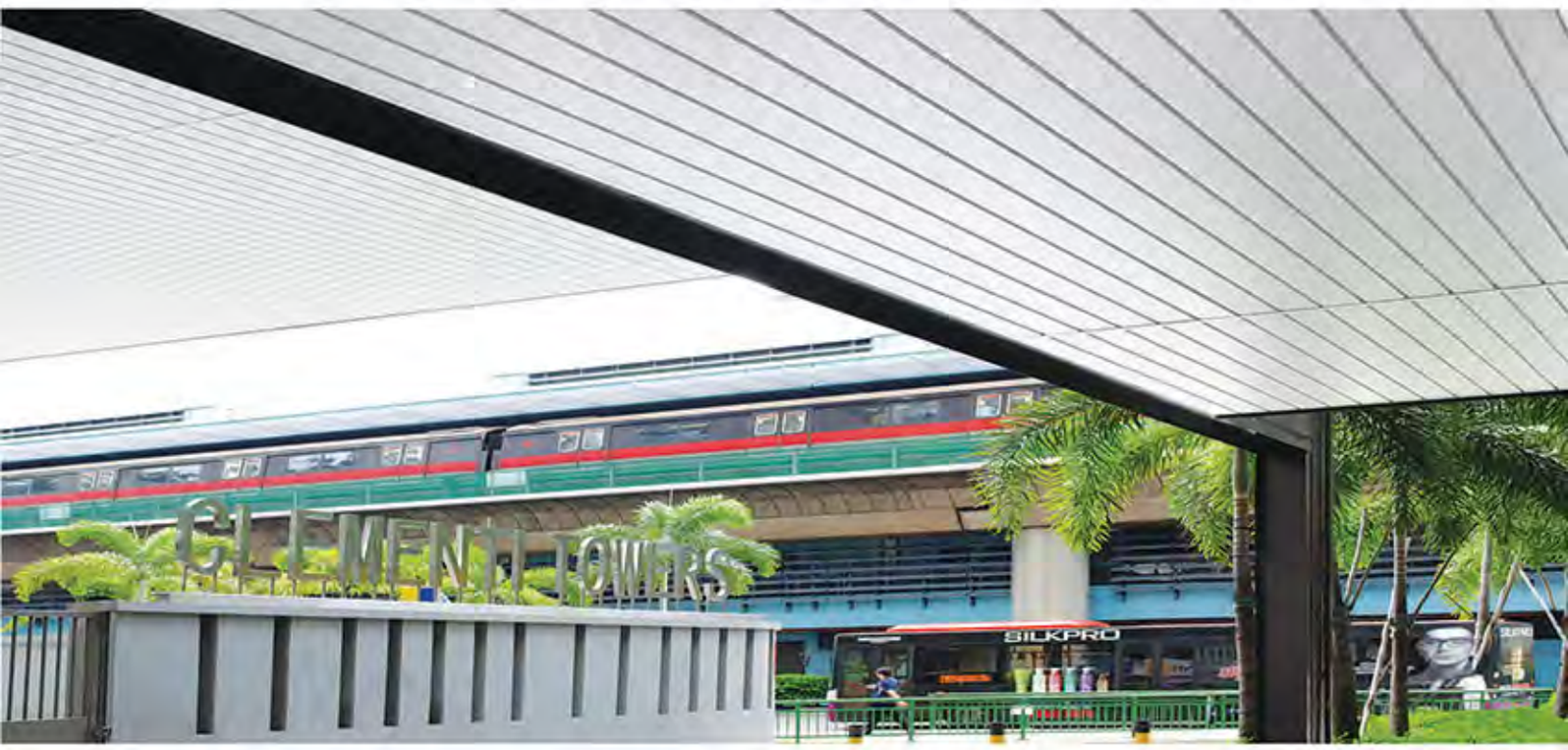
ALZAHABIA offers you a variety of metal suspended ceiling Strips, so that nothing but your creativity and imagination are needed to create a master ceiling and not just any ceiling.

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

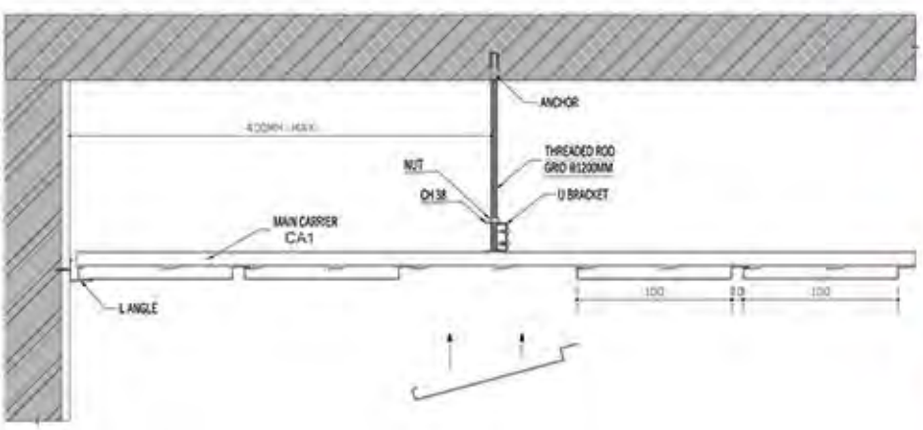
INSTALLATION

1-Study the engineering drawings well, and keep the place very clean(with the work of the executive board dimensions and structure of the division on) determine from the charts the required numbers of each profile, bearing in mind that: the minimum height from mounting structure is 10cm .
2-Preview the existing ceiling and the existing services and their relationship with the suspended ceiling and as well, places of installing the ceiling rods.
3-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.
4-Install the perimeter angles using the appropriate screws, ensuring that the distance between the screws does not exceed 300 mm.



Environment
Friendly
Products







5- Affix hangers to the soffit allowing a pull-out force of at least 2.5 times the hanger load, and maintain a distance between rods not more than 1200mm in both directions, and not more than 400mm from the wall *(with necessary struts around places of service to avoid excessive ceiling deflection).*
6- Suspend the main carrier (CH38) with Rods by (UB38) ensuring that the distance between the Main carriers must not exceed 1,200 mm, also the distance between the carrier and the main wall must not exceed 400 mm.
7- Rack-mounting the secondary carrier (CA1) perpendicular to the main carrier (CH38) with coupling clips, (taking into account the following):
- Spacinging not to exceed 1000 mm.
- The distance between the carrier and the main wall is no more than 400 mm.
- Make slots in (CA1) parallel on a single line and that will be the beginning of one point
- Slide the rack is fitted secondary by passing lips panel inside carrier slots, taking into account the secondary pressure on the sides of the panel lips to ensure install in its place and maintain a distance interval between slides (10mm)

8- Installation services (lighting - diffusers .....) So those don't cut in the nerve of panel and should not increase the diameter of any openings for 50% of the panel size.

Please note: A gap of 2- 4 mm should be maintained to allow for expansion.

(Technical Data Sheet)

Material

1.Steel Sheets : Hot dipped galvanized steel sheets Comply With ASTM A653 (with skin pass process), 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

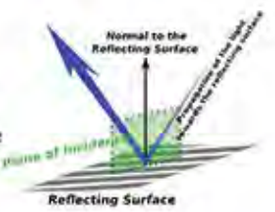
Anti microbial

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

1.88 % for plain surface
2.72% for perforated surface
Under tests ASTM C549



Acoustic

1.NRC : Perforation surface can achieve up to 0.9NRC and Plain surface achieves 0.1 NRC by using suitable insulation pads filling on the back side.
under tests ASTM C423



2.STC : Perforation surface can achieve up to 36db . and plain surface 42dp by using suitable insulation pads filling on the back side.
under test ASTM E1414,E1413

Fire Rating

The Materials non combustible and it can withstand fire up to 60 min. depending on thickness & suitable insulation pads filling on the back side.
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 ALZAHABIA 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: ALZAHABIA 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.