



MCO

Expanded Metal

Leading the Specialist



About Us

Flonic Engineering Sdn Bhd was established in 2002, its core activities are in warehousing and distribution of non-ferrous metal in semi-finished raw materials.

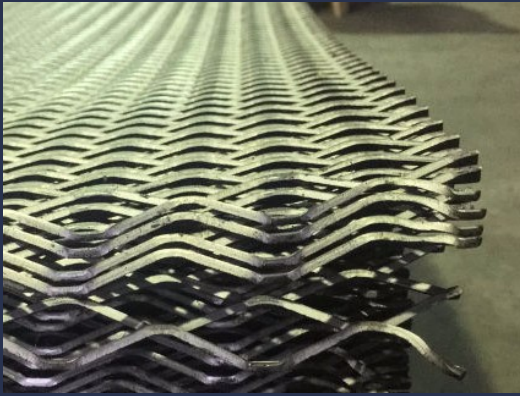
Over the years, we are stockist for comprehensive range of products for Aluminium Company of Malaysia Bhd (“Alcom”), V-Tech and others building materials. We have extensive experience with materials such as Aluminium Flat Sheets, Coils and Roofing, Silicone Sealant, Stainless Steel, Aluminium Extrusions, Galvanised Sheets, Electro Galvanised Sheets and Coils. We have our own home brand in Aluminium Composite Panels – ‘ALCOMAXX’ since 2006 and Expanded Metals – ‘MCO’ since 1995.

We cater specifically to Industry segment such as Building in Façades and Engineering.

For the company’s future direction and focus, the company is now strategically evolving towards products with better architectural values from current commodity based products which are capital intensive. This is in tandem with the current growth direction in the Malaysian economy as we progress to become a developed nation by 2020. With this progression, goods and services provided will inevitably demand for better functional efficiency and performance as living standards improves with greater emphasis for Greener Earth Friendly products. The company is now tasked to research, seek and procure products that are energy efficient and are renewable or recyclable.

COMPANY PROFILE DOWNLOAD





MCO Expanded Metal

Expanded Metal is a form of metal stock made by shearing a metal plate in a press, so that the metal stretches.....

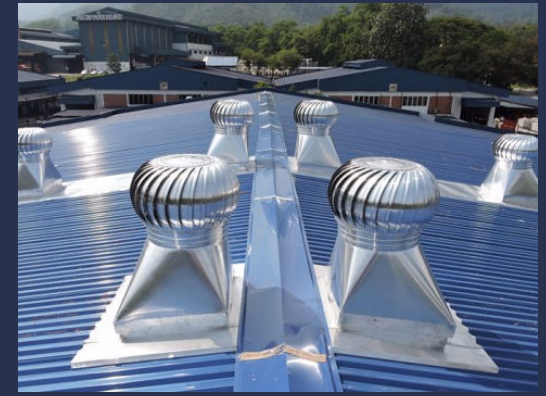
MORE



Aluminium Composite Panel

We have our own home brand in Aluminium Composite Panels – 'ALCOMAXX' since 2006.....

MORE



Horne Turbe Ventilator

OZVENT manufactured by Horne is an energy free wind turbo ventilator built for the asian conditions. It provides air circulation.....

MORE

Our Reference Projects



Past Projects:

1. UTC Labuan
2. UTC Tawau
3. UTC Sg. Petani
4. Johor Senai Hanger
5. Utar Sg. Long
6. The Landmark Bukit Tinggi Klang
7. Peugeot Showroom Batu Pahat
8. Galaxy Hall SJKC Sentul
9. Faser Residential
10. Penang Sentral Butterworth
11. Hospital Kuala Krai, Kelantan

Current Projects:

1. Jimah East Power Plant
2. MRT one

CONTACT FORM

We would be happy to hear from you and get in touch with us!

For any sales inquiries or comments, please contact us through our contact details below.

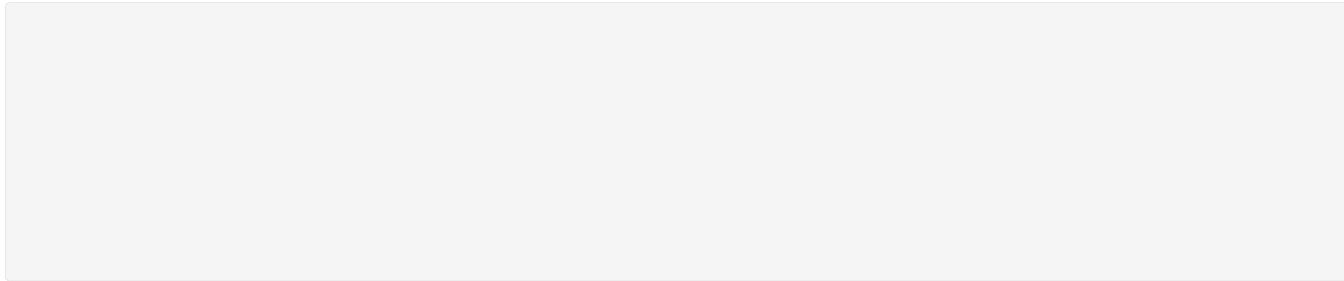
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Email*

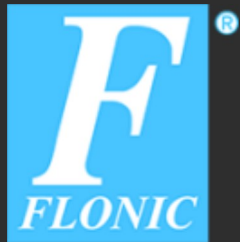
Phone

Message





CONTACT US



Address

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Contacts

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Fax: 603-6157 6613

Products Quick Links

[MCO Expanded Metal](#)
[Aluminium Products](#)
[Alcomaxx Composite Panel](#)
[HORNE Turbine Ventilators](#)
[Stainless Steel](#)
[Silicone Sealant](#)
[Others Related Products](#)

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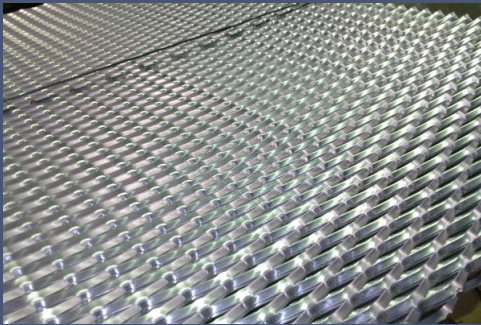
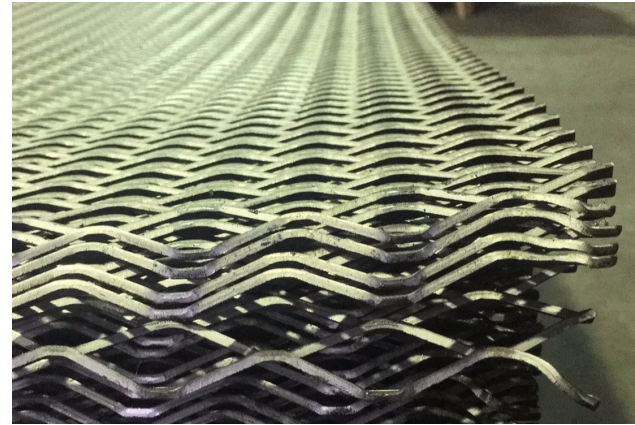


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MCO Expanded Metal

Expanded Metal is a form of metal stock made by shearing a metal plate in a press, so that the metal stretches, leaving diamond-shaped voids but is left intact at the "knuckles". The most common method of manufacture is to simultaneously slit and stretch the material with one motion. Available in a variety of thickness with differing sizes and designs of the mesh.

[Product Brochure](#)



Aluminium Expanded Metal

Manufacture using high commercial grade aluminium sheet grade AA 1100 - H 14.



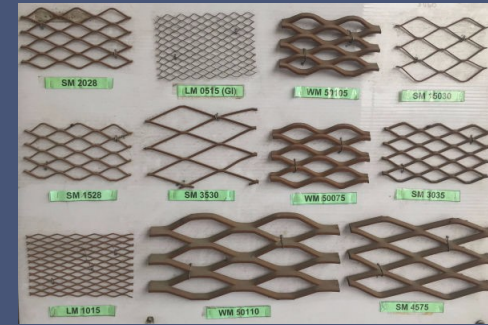
Stainless Steel Expanded Metal

Manufactured using high SS 304 grade for highly corrosive environment.



Mild Steel Expanded Metal

Manufactured using high quality low carbon steel complying to JIS G 3131 SPHC. Normally hot - dipped galvanised to BS 729:1971 for anti - corrosion.



Powder Coated Expanded Metal

All Expanded Metal can be powder coated for decorative and chemical resistance application. A wide range of colour selection is available upon request.

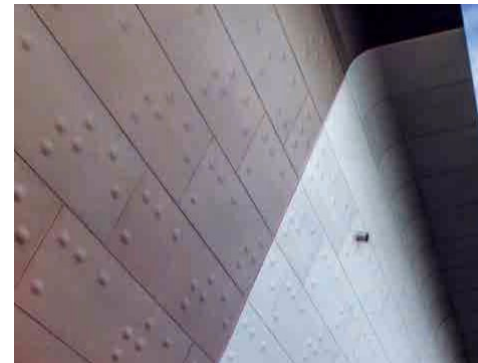
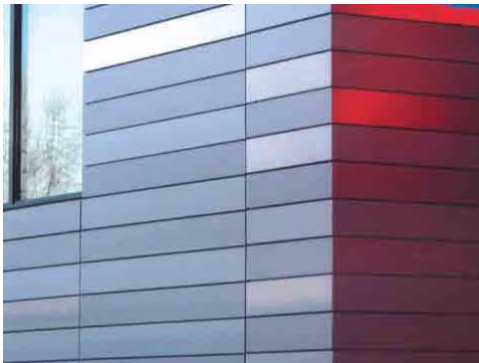


ALCOMAXX™
Aluminium Composite Panel

Alcomaxx Composite Panel

Alcomaxx are used in decorating heavy curtain of the building, furnishing both, walls outside and inside of new and old buildings, decorating wallboard of tunnels, indication board, front wall and the bodies of automobiles, ships and machines and for use as industrial material.

Product Brochure



Application Scope

Building exterior curtain walls
2) Decoration and renovation additions for old buildings.
3) Decoration of interior walls
4) Wallboards and ceilings for tunnels
5) Industrial materials, materials for vehicles and boats.

Product Information

Alcomaxx brand aluminium composite panel is a new type of building material presenting the tendency of the future. With fluoro-carbon resin (PVDF) roasting painting of rolling type on the front layer, the weather resistance is over 10 years.

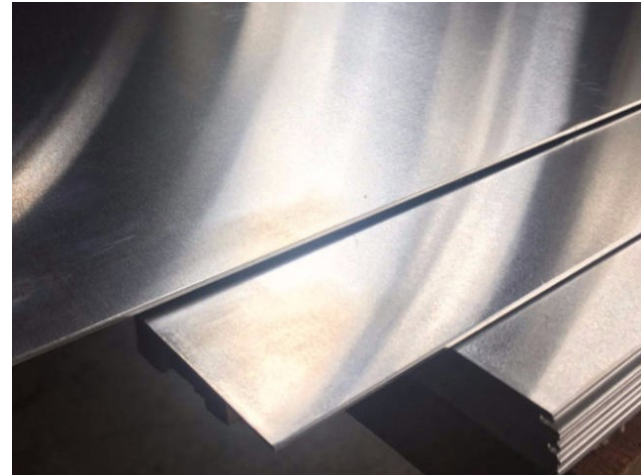
Techniques

Alcomaxx is easily formed into any desired shape. The reversed side is routed and panel folded. Routing is performed using 1 of the 3 tools shown.

Fire rated compound core

- * Advanced technology
- * Versatile wall cladding
- * Lightweight and cost effective
- * Easy to install
- * To ensure colour consistency

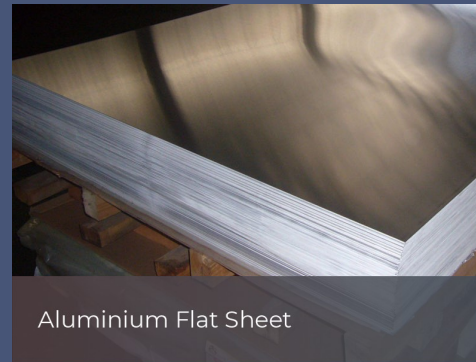
Aluminium Products



Aluminium Coils



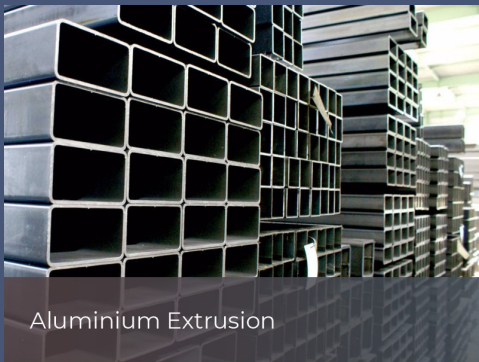
Aluminium Sheet



Aluminium Flat Sheet



Aluminium Stucco Embossing



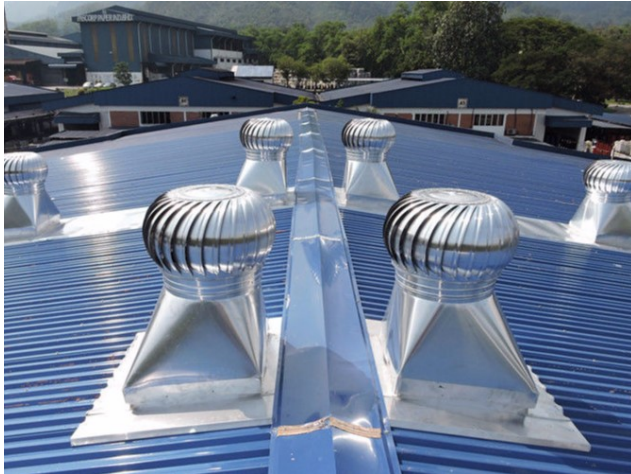
Aluminium Extrusion



Aluminium Chequer Plate



Aluminium Roofing



Horne Turbine Ventilators

OZVENT manufactured by Horne is an energy free wind turbo ventilator built for the asian conditions. It provides air circulation in the space between the ceiling and the outer roof, and removes very hot, still air which increases room temperture in your home or factory. Effective roof space ventilation includes OZVENT eave vents installed under the eaves to draw in fresh outside air, and an OZVENT ventilator to exhaust the superheated and moisture laden air.

[Product Brochure](#)



Duo-Fan

Unique Duo - Fan construction where the supports for the lower bearing also act as fan blades which enhance the flow of ir through the intake of the ventilator improving overall performance.



Ball Bearing

Micro steel conceal bearing 608 - 2RS is design to spin at high speed and the ball bearing will float creating friction free.



Vane Design

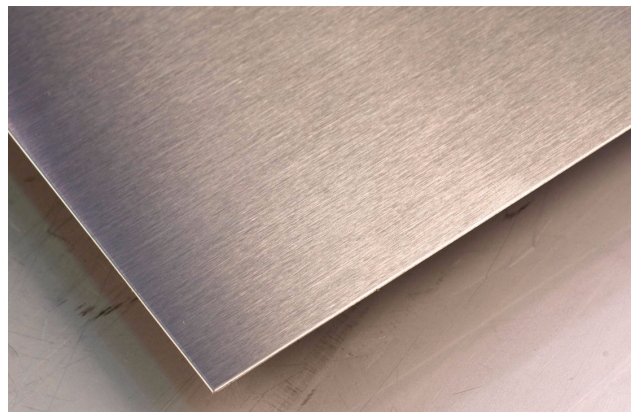
The Vanes are profiled and rolled to provide strong blade with good aerodynamic performance.



Capacity

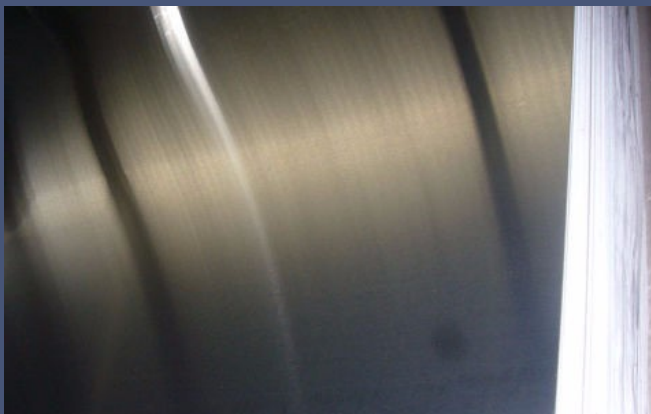
A huge capacity increasae compared to all previous ventilators. This gives the industrial architect a greater flexibility in designing industrial buildings.

Stainless Steel



Stainless Steel Coil

Size : 0.6mm x 1219mm, 1.0mm x 1219mm



Stainless Steel Sheet

Size : 1219mm x 2438mm

Thickness : 0.4mm, 0.5mm, 0.7mm, 0.8mm, 0.9mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 3.0mm, 4.5mm



Stainless Steel Band

Size: 0.5mm x 13mm



V-Tech Silicone Sealant

Single-component, high-performance neutral or acetic cure silicone sealant formulated to have superior adhesion and durability in a wide range of construction, industrial, automotive, and household applications. These silicone sealants meet the high expectations of sealant performance, and have been tested in accordance with various industrial standards like ISO11600, ASTM C920, and Low VOC. They have excellent resistance to weathering, UV radiation, vibration, moisture, ozone, temperature extremes, airborne pollutants and many cleaning detergents and solvents. Suitable for both indoor and outdoor applications.



VT-200 Multi Purpose Sealant

Color	Black, Clear, White, Bronze, Grey
Content	300 ml
Carton Qty	24 catridges/carton

VT-201 All Purpose Sealant

Color	Black, Clear, White, Aluminium, Grey
Content	280 ml
Carton Qty	24 catridges/carton

VT-202 GP Sealant

Color	Black, Clear, White
Content	240 ml
Carton Qty	24 catridges/carton

VT-210 High Performance Sealant

Color	Black, White, Aluminium, Dark Bronze, Dark Grey, Grey, Translucent
Content	300 ml (cartridge), 600 g (sausage)
Carton Qty	20 sausage/ carton, 24 catridges/carton

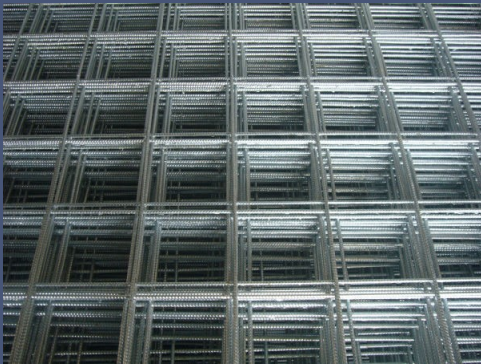
VT-211 Weatherproofing Sealant

Color	Matt Black, Matt Grey, Matt White
Content	300 ml (catridge), 800 ml (sausage)
Carton Qty	20 sausages/carton, 24 catridges/carton

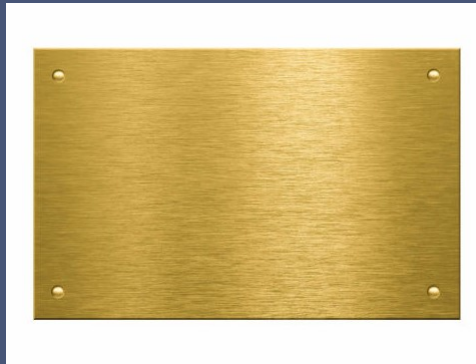
VT-218 / VT-218C Glass & Metal Sealant

Color	VT-218: Translucent, VT-218C: White, Black, Grey
Content	280 ml (VT-218C), 300 ml (VT-218)
Carton Qty	24 catridges/carton

Others Products



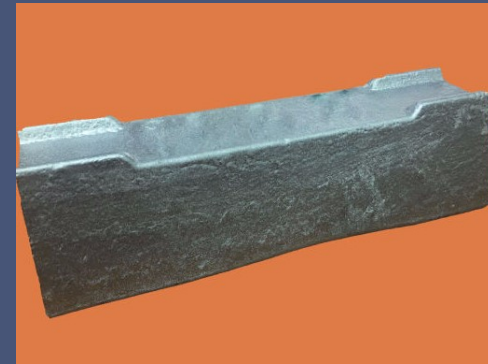
BRC



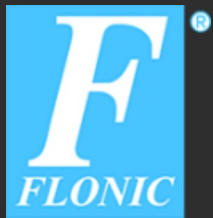
Brass Sheet



Roofing (ZINC)



Ingot



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