

INSULATION ROOFING series

TH PU FOAM series are complete insulated roofing panels with outstanding thermal efficiency. It is manufactured by bonding CFC-free Rigid Polyurethane (PU) foams between exterior profiled metal roofing sheets and interior fire retardant PVC lamination paper//metal/aluminium foil. These insulated metal roofing panels are distinguished by a combination of high insulation characteristics and low weight. The interior lamination is glossy and textured creating an aesthetically attractive appearance.

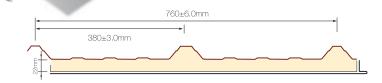
TH PU FOAM series provides excellent heat resistance, good sound absorption, mechanical and dimensional stability for roof assembly. The overall result is roofing systems that maintain buildings cool all day long with great saving on electricity.

TH PU FOAM series eliminates unnecessary multiple construction processes of laying insulations and roofing sheets into a one off fast and easy installation course. This results in great reduction of construction expenditures in term of labour usage, transportation, storage and purchasing costs.

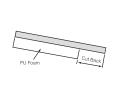
TH PU FOAM series contains water resistant materials which will not be spoilt by rain water.

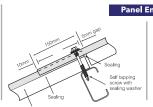
TH PU FOAM series is smoke resistant as well. The interior lamination colour is white which enhances reflectivity, durability and require low maintenance.

TH SUPERIOR RIB 35

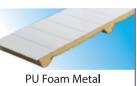


TH PU FOAM DECK 762

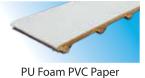












TH PU FOAM CRIMP CURVE

Outer Skin	TH PU FOAM METAL	Available Thickness
PU Foam	Polyurethane	Thickness 22mm-50mm
Inner Skin	PVC	-



INSULATION PROPERTIES

I tems	Specification
Type of Insulation	Bonded Rigid Polyurethane
Thickness of Insulation	22mm
Insulation Density	35-40 kg/m³
Thermal Resistance (R)	1.06 m ² K/W



TH CLIP LOCK OPTIMA 730*

- Suitable for 1° Pitch Roof
- Combines with smart fluted spans and a lock-action rib design
- Steel substrate protected with corrosion inhibitive treatment
- Concealed fixing method with clip and locking system









* Industrial design application number : 15-00590-0101



- Manufactured from high tensile ZINCALUME® Steel / CoolZal Steel / Prima Steel / Clean COLORBOND® steel substrate protected with corrosion inhibitive treatment
- Innovative, durable and cost effective

TH RIB 30*

- Suitable for 2° Pitch Roof
- Roll-forming long length high tensile metal decking with three fluted pans
- Manufactured from high tensile steel substrate protected with corrosion inhibitive treatment
- High rib to ensure good spanning capability and excellent water-discharge capacity

TH ULROLL **BOND***

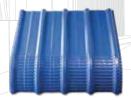
- Highly durable & aesthetic in appearance
- Safety and light weight
- Heat reduction and water tight
- Maintenance free and long lasting
- Rigid and Light Weight
- Anti fungus and anti rust
- Algae Resistant
- Fast Installation



TH HALF ROUND & CRIMP CURVE PROFILE*

- Reduce cladding material required to cover a given area
- Simplified and reduce work involved in installation of fascia capping
- Less supporting framework required for fascia, parapets and roofs
- Reduction or elimination of many flashing and capping





TH CRIMP CURVE PROFILE

- * Roofing and walling profiles with material warranty up to 25 years * Warranty terms & conditions apply

TH VERTICAL STANDING SEAM

Specifications:

- Architectural/structural integral standing seam panel
- 12", 16", and 18" panel coverage, 1-3/4" rib height
- Gauges: 26 Gauge and 24 Gauge standard
- Snap together panel system, minimum roof slope: 3:12 (1 degree)
- Factory applied side lap sealant (option)
- Concealed clip designed for thermal movement
- Accommodates up to 4" blanket insulation
- Applies over open framing or solid substrate
- Finishes: Clear Colorbond, PVDF Aluminium





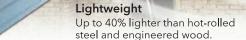
TH-TRUSS SYSTEM

Strong unique patented TH-Truss profile deliver more structural performance

The innovative cold forming manufacturing process gives TH-Truss a unique profile.

This process provides maximum structural performance in terms of load carrying capacity, bending moment and deflection from the amount of steel employed. The patented process strengthens the steel in flanges giving TH-Truss added strength where it is most effective.





TH C-PURLIN

High Tensile Galvanised Steel

TH C-Purlin is made from Hi-tensile galvanised steel. High tensile steel is very strong steel. It is at least 10X stronger than wood and more than double the tensile strength of carbon steel. It's strong high tensile steel is also used in highway quardrails because of its material strength to withstand the huge impact of speeding vehicle.



TH FLOOR DECK-51

TH FLOOR DECK-51, is a purpose designed trapezoidal composite flooring profile and is the most advanced composite decking in the region. It incorporates the specific floor decking required by designers, developers, engineers and builders, resulting in a revolutionary geometrical dimensions profile.





TH STEEL FRAMEMAX SYSTEM

TH Steel FrameMax System is an integrated building system designed for the manufacture of steel frames for both residential and light commercial building. The innovative system is a sustainable, eco-friendly construction evolution that assures faster project completion, enhanced productivity with less labour and reduced construction wastage.

ADVANTAGES & BENEFITS

- Faster erection due to easily handled
- Faster completion in comparison to conventional walling system
- Reduced heavy machinery usage
- Clean & tidy work site which reduce cleaning cost
- Pre-punched services openings
- Smoother & even wall surface for skim coating at both sides of wall
- Touch up free







Minimize Damage, Maximize Safety



UPTO
TEMPERATURE



Introduction

Serai Harmoni Sdn. Bhd. is a 100% manufacturer for Fire Rated Door with ISO 9001: 2000 standard with its sophisticated advance technology. The company has the capabilities of producing precision and quality product. Serai Harmoni Sdn. Bhd. Fire Rated Door & other accessories meet all domestic and international standard.

Serai Harmoni Sdn. Bhd, manufacture a full range of standard product which suit any application including residential, commercial, industrial and JKR building.

Lockset, Door Frame & Accessories







ADVANTAGES

- Treated with Fire Retardant to product finishes of exceptional quality
- Constructed of superior quality wood base materials
- Highest screw holding capacity among Fire Doors
- Excellent sound insulation and acoustic properties











ST GUCHI / SH Stainless Auto Bolt



ST GUCHI / SH Stainless Door Selector



ST GUCHI / SH Stainless Door Closer



ST GUCHI / SH Stainless Lever Handle



SH Stainless Mortise Lockset



5" Sakura Stainless Steel 304 Hinges



ST GUCHI/ SH Rebated Part

www.harmonidoor.com / enquiries@harmonidoor.com



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THI METAL DOOR & **WINDOW FRAME**

TH Steel Door Frames and Window Frames are fully researched, designed and manufactured by Thung Hing's ISO 9001:2008 Quality Management System certified plan. This includes steel door accessories such as hinges, lock pocket/ striker plate, lockset and many more.





With sophisticated roll-forming technology, we have the capabilities of producing precision and quality frames.





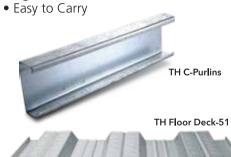
DOOR series

TH FEATURED SLIDING DOOR SHEET



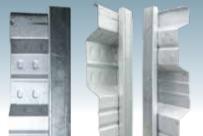
ADVANTAGES

- Light
- Against Corrosion
- No extra paint
- Modern





Assembly & Installation



Front view



Right view



Front view



Inner view



side view









PROFIT

ROLLER SHUTTER DOOR

Benefits & Advantages

- Safe
- Ouiet & Smooth
- Durable
- Motor/ Manual Operation
- Stylish Color & Design
 Lightweight

















TH DRYWALL FRAMING SYSTEM

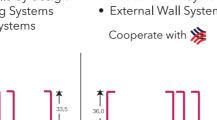
Provides a durable, practical and lightweight structure for internal plasterboard walls and for specific external wall systems.

SUITABLE FOR:

LIPPED WALL STUDS

- Non-load bearing partition walls
- Load Bearing walls by design
- Steel Stud Ceiling Systems
- Non-fire Rated Systems
- Fire Rated Systems
- Acoustic Wall Systems by Design
- External Wall Systems by Design

0.70 / 0.75 / 1.0 BMT / 1.2 BMT





TH STRIP CEILING - G PROFILE

ADVANTAGES

• Tough and extremely durable

Nom. 51*. 64. 76. 92 & 150mn 0.42 / 0.48 / 0.55 / 0.70 / 0.75 BMT

- Protect from discolouration for extended years
- Does not contort under intense heat
- Hygienically smooth and easy to maintain
- Energy saving & environmental friendly

TH STRIP CEILING G PROFILE:

TYPE 1 - Wave

TH STRIP CEILING G PROFILE **TYPE 2 - Flat**





TH STRIP CEILING G PROFILE: **TYPE 3 - Emboss**

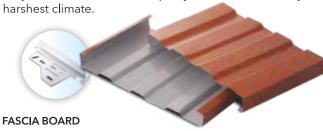
GUTTER series

TH-FEATURED GUTTER SYSTEM

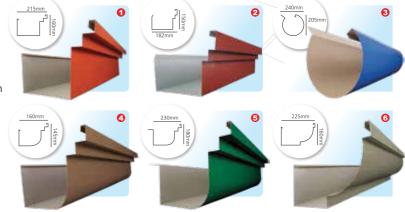
RESIDENTIAL & COMMERCIAL GUTTER

Modern, architecturally designed homes or factory require a gutter with simple, clean and refined lines. TH-FEATURED Gutter features the latest cutting edge styling which creates an aesthetically pleasing appearance. Designed with generous water carrying capacities in mind, our gutter has a large water carrying capacity and is available in a wide range of colors.

TH-FEATURED Gutter are manufactured from Zincalume with Clean Colorbond Prepainted steel. It is versatile, attractive, easy to maintain and stand up to years even with Malaysia

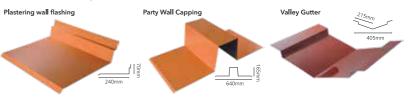


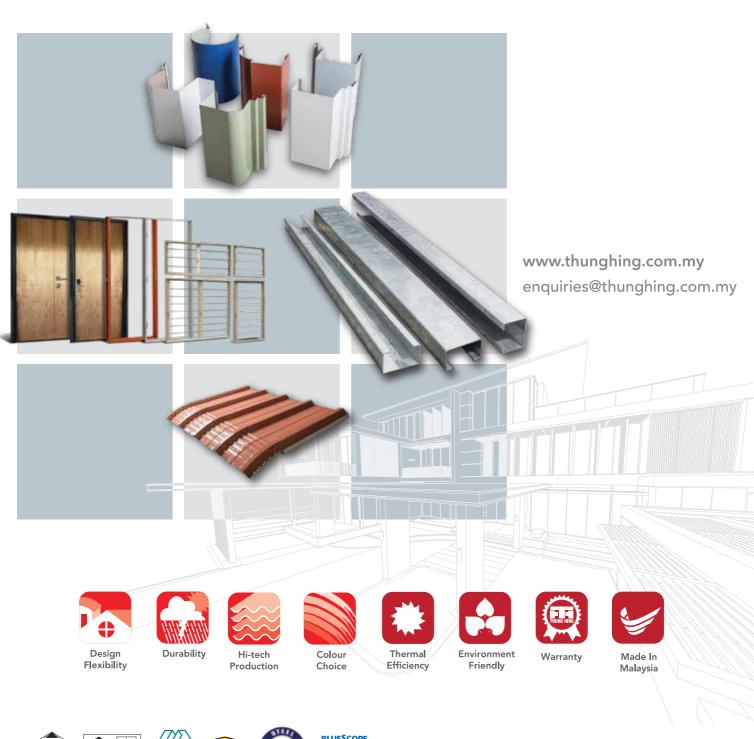
TH-FASCIA BOARD is attractive and easy to install. It is strong. lightweight and can be used as a complete system.



FLASHING & CAPPING

We supply standard flashings and cappings or custom made available. The finish can be plain ZINCALUME® or Clean COLORBOND® steel.



























HEAD OFFICE

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THUNG HING GROUP

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