

# VITRO®

YU WAH STEEL (M) TRADING  
SDN. BHD. (725598 - T)

## VITRO® PU ROOFING Roofing System

### Feature & Benefits

- Great heat and sound insulation.
- Light weight and convenient installation.
- Durable, high strenght, high rigidness.
- Beautiful appearances.
- Waterproof and damp resistant.



Warranty



Made In Malaysia



Flexible Design



Durability



Hi-Tech  
Production



Thermal  
Efficiency



Environmentally  
Considerate



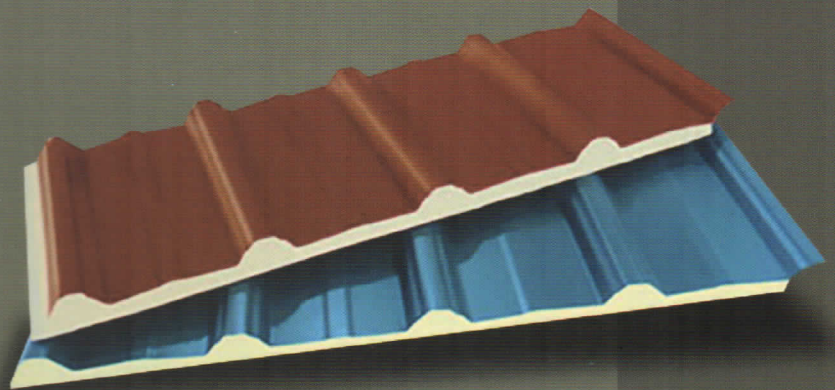


## VITRO<sup>®</sup> PU ROOFING

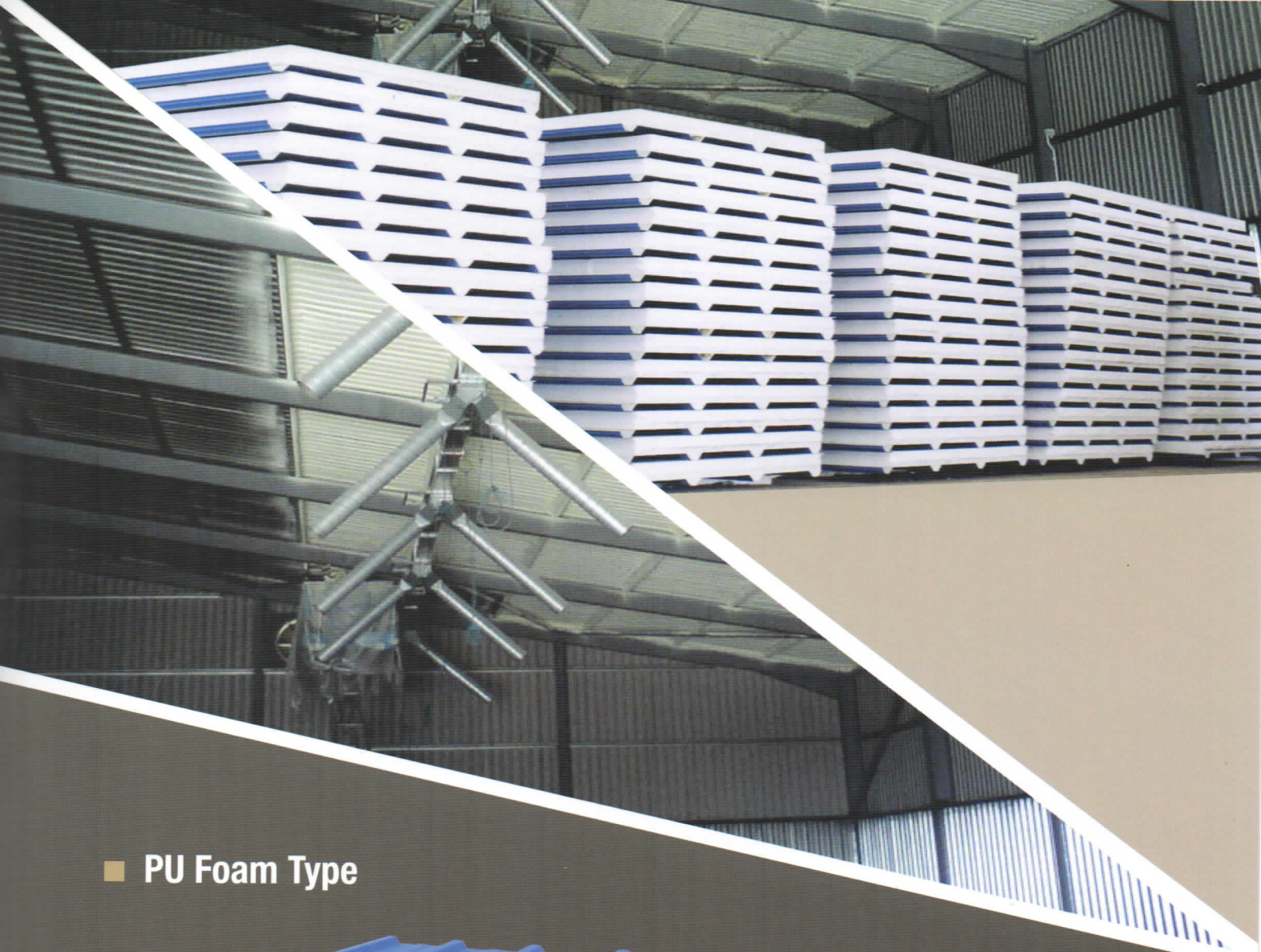
We proud to introduce the new VITRO<sup>®</sup> Double PU Metal Deck - a complete insulation roofing system using the latest technologies, which consists of 3 layers: pre-painted steel sheet, rigid polyurethane (PU) foam and another layer of steel sheet laminated to the PU foam layer.

VITRO<sup>®</sup> Double PU Deck is widely used for the construction of roofs and walls of factories, warehouses, freezing storages, workshops, poultry farms, supermarkets, exhibition halls, gymnasiums, schools, dormitories, mobile homes, residential houses and many other civilian facilities.

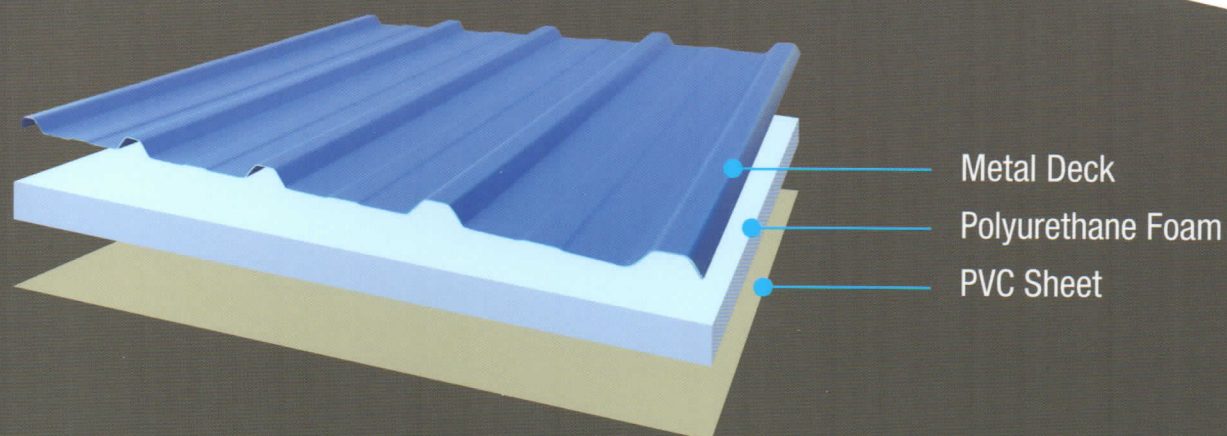
The PU foam provides effective and excellent heat-resistance and sound absorption, and the double steel sheet layer outside provides extra protection to the PU foam, making it resistant to damages during transportation and construction.



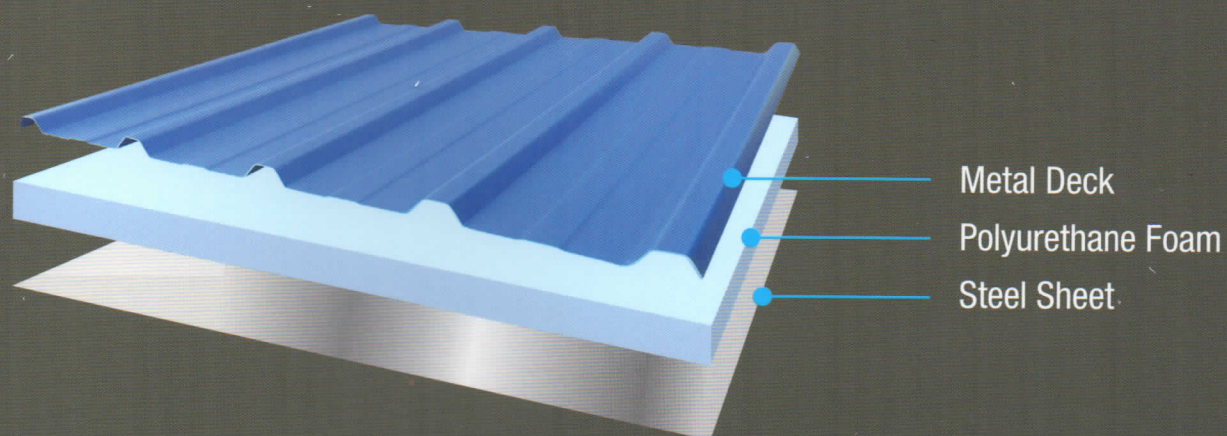




### ■ PU Foam Type



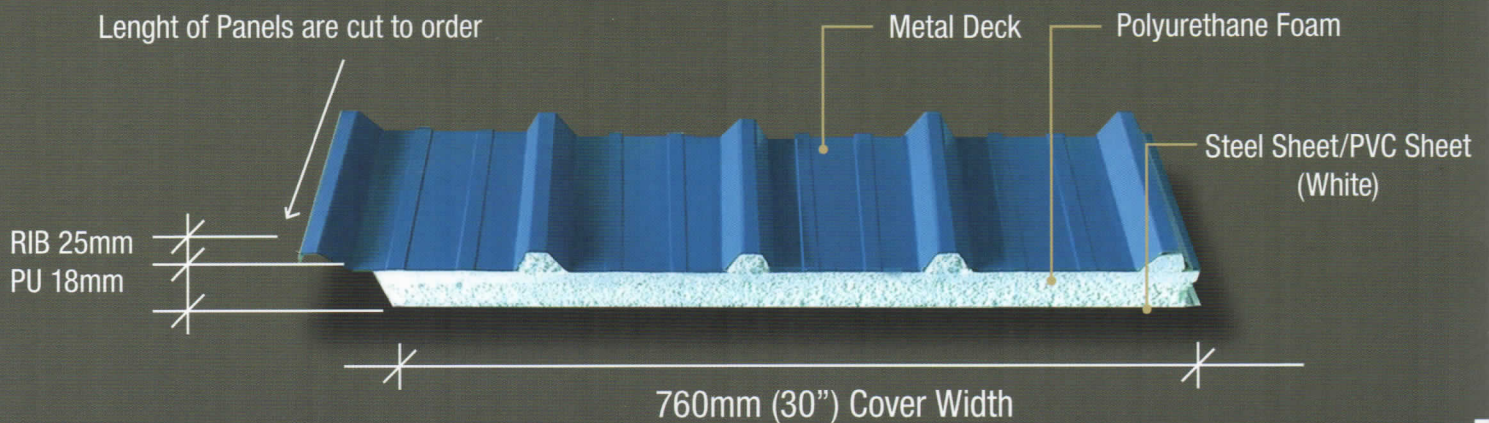
### ■ PU Deck Type



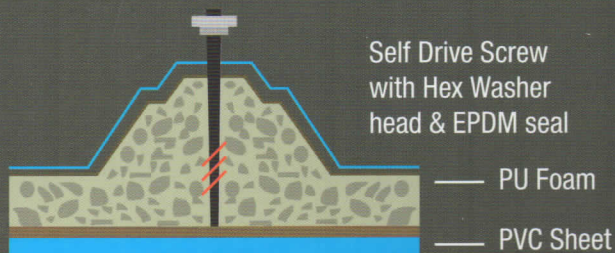
VITRO® PU ROOFING



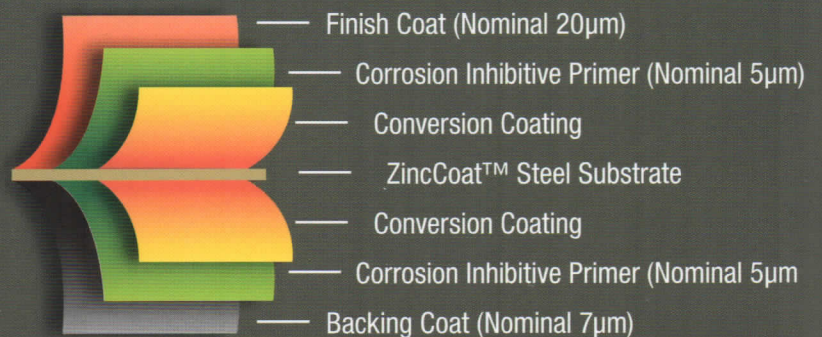
## ■ PU FOAM TYPE & PU DECK TYPE



## ■ VITRO® PU FOAM INSTALLATION



## ■ CROSS - SECTION OF COLORCOAT®



## ■ TECHNICAL SPECIFICATIONS

Thickness BMT (mm)	PU Thickness (mm)	Width of Coverage (mm)	Min.Yield Strenght (MPA)	RIB Height (mm)	Minimum Recommended Pitch
0.30	18 - 20	760	550	25	3°
0.35	18 - 20	760	550	25	3°
0.42	18 - 20	760	550	25	3°

## ■ RECOMMENDED MAXIMUM PURLING SPACING

Thickness BMT	Roofs		Walls		Max Roof Overhand Unsupported
	Internal Span	End Span	Internal Span	End Span	
mm	mm		mm		mm
0.30	1600	900	1800	1600	120
0.35	1650	1000	1900	1800	150
0.42	1850	1200	2150	1900	150