

Materials That Shape Your Vision

METALSPAN

TRADING FZE LLC



Steel & Panel Systems



Sandwich Panels | Roofing Sheets | Purlins | Decking |
Accessories | Steel | Fencing | Ceiling Systems

Product Catalog



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COMPANY PROFILE

About METALSPAN:

METALSPAN Trading FZE LLC supplies High quality steel and Aluminum panel systems across the UAE & GCC. We provide complete building envelope solutions for industrial, commercial and logistics sectors.

Why METALSPAN?

- Premium quality materials
- Consistent production standards
- Fast delivery
- Customizable dimensions
- Experienced technical support

Mission:

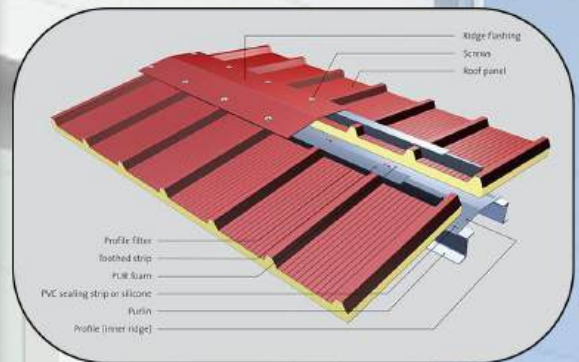
- Deliver reliable, durable, cost-effective
- building materials with exceptional service.

Vision:

- To be the UAE's most trusted supplier
- for insulated panels and steel products.

Core Product Lines:

- METALSPAN Roof Sandwich Panels
- METALSPAN Wall Sandwich Panels
- METALSPAN Single Skin Metal Sheets
- METALSPAN C & Z Purlins
- METALSPAN Decking Sheets
- METALSPAN Accessories & Flashings
- HRC / Steel Trading
- Fencing Systems
- Gypsum & False Ceiling Materials

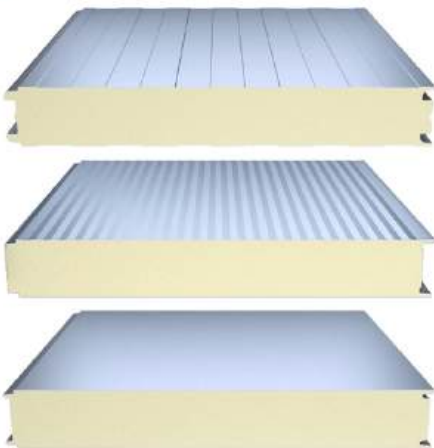


SANDWICH PANELS

METALSPAN insulated roof panels provide high thermal efficiency, fast installation, and long service life.

Specifications:

- Cover Width: 1000 mm
- Thickness: 30–100 mm
- Core: PU / PIR / Rockwool
- Steel: 0.30–1.0 mm PPGI, PPAL,PPAZ
- Coating: PE, PVDF, PUPA
- Color: Wide range of colors
- Temperature Resistance: -40°C to +80°C

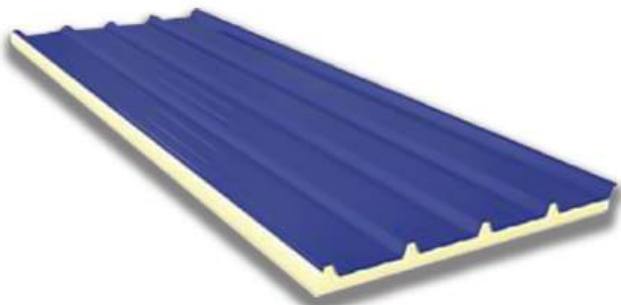
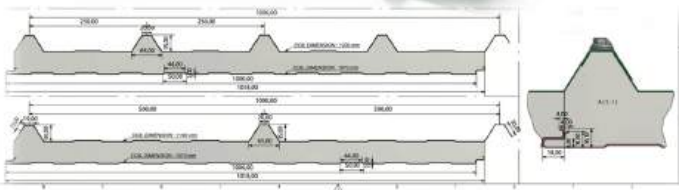


ROOF PANEL METALSPAN Roof Panel

- Cover Width: 1000 mm
- Thickness: 30–100 mm

Advantages:

- High thermal insulation
- Leak-proof roof design
- Easy installation
- Lightweight and durable
- High load capacity
- Enhanced drainage



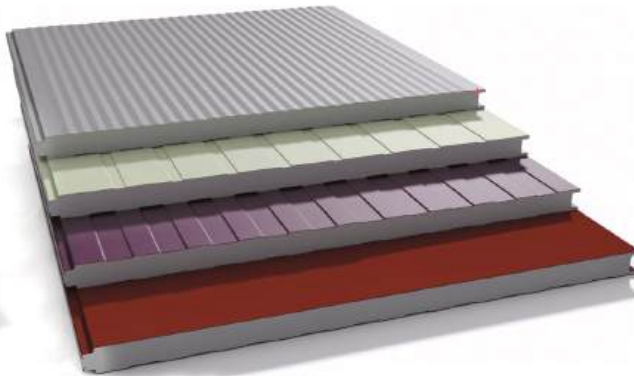
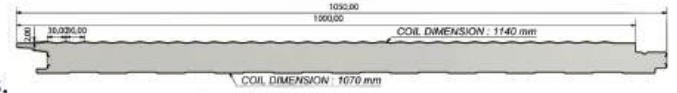
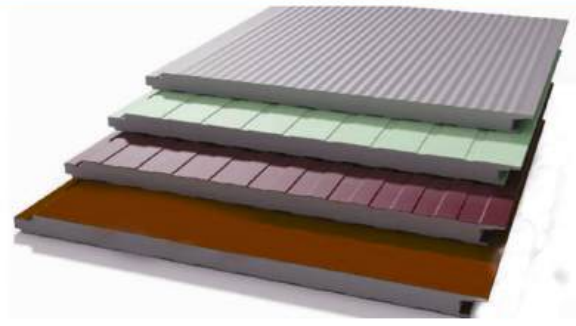
Usage:
Large span industrial buildings.

HIDDEN FASTENER WALL PANEL SYSTEM

- Cover Width: 1000 mm
- Concealed screw system
- Fully waterproof
- Thickness: 40–100 mm

Usage:

Premium commercial projects, architectural roofs.



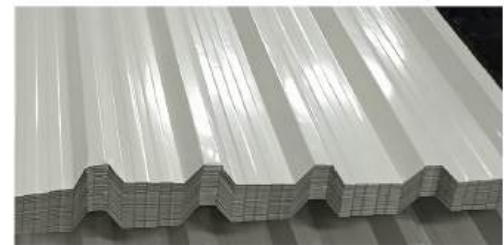
TONGUE & GROOVE/ISO WALL PANEL SYSTEM

- Cover Width: 1000 mm
- Thickness: 30–100 mm (PU/PIR)
- Tongue & Groove
- Smooth / Micro Rib / Striated

SINGLE SKIN PROFILES

METALSPAN Single Skin Sheet 35/200

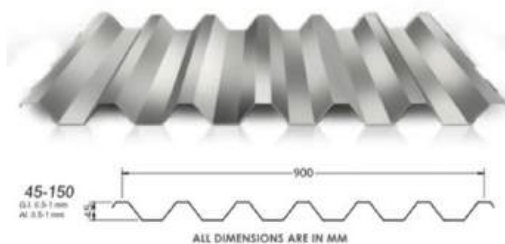
- Rib Height: 35 mm
- Pitch: 200 mm
- Cover Width: 1000 mm



METALSPAN Single Skin Sheet 45/250

- Rib Height: 45 mm
- Pitch: 250 mm
- Cover Width: 1000 mm

TSD 45 - 150 - METAL DECKING

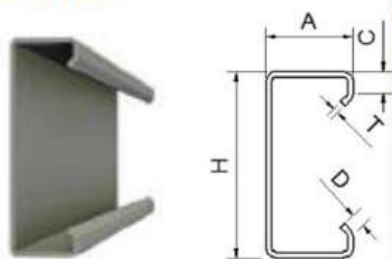


DECKING SHEET 45/150

- Depth: 45 mm
- Pitch: 150 mm
- Thickness: 0.8–1.2 mm
- Composite flooring application

C & Z PURLIN – TECHNICAL DATA SHEET

C Plus Profile



H : 100-400
A : 85-100
T : 1.0-4.0

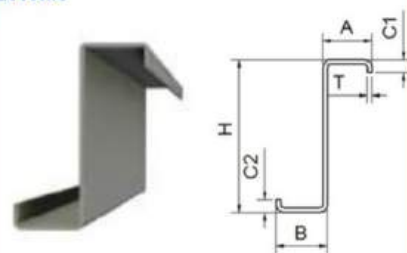
C : 25
D : 15



C Purlin

Z Purlin

Z Profile



H : 100-400
A : 50-100
B : 50-100

C1 : 15-30
C2 : 15-30
T : 1.0-4.0

C-Purlin Sizes:

Depth (mm)	Flange (mm)	Lip (mm)	Thickness (mm)
100	50	20	1.5 – 3.0
120	50	20	1.5 – 3.0
140	50	20	1.5 – 3.0
150	65	20	1.5 – 3.0
160	65	20	1.5 – 3.0
180	70	20	1.5 – 3.0
200	75	20	1.5 – 3.0
230	75	20	1.5 – 3.0
250	75	20	1.5 – 3.0
300	75	20	1.5 – 3.0

Z-Purlin Sizes:

Depth (mm)	Flange (mm)	Lip (mm)	Thickness (mm)
140	50	20	1.5 – 3.0
160	60	20	1.5 – 3.0
180	70	20	1.5 – 3.0
200	75	20	1.5 – 3.0
230	75	20	1.5 – 3.0
250	75	20	1.5 – 3.0
300	75	20	1.5 – 3.0

Product Description:

C & Z Purlins are cold-formed high - strength structural steel members used for roof and wall framing. They provide excellent load-bearing capacity with reduced weight and cost efficiency.

Optional Accessories:

- C/Z Connectors
- Bracing & tie rods
- Anchor bolts
- C/Z Sleeves
- Sag rods



METALSPAN
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Mechanical Properties:

- Property Value
- Tensile Strength 350–550 MPa
- Yield Strength 345–550 MPa
- Modulus of Elasticity 200,000 MPa
- Coating Weight 120–275 g/m²

Material Specifications:

- Property Specification
- Base Material High Tensile Galvanized Steel
- Grade G350 / G450 / G550
- Coating Z120 / Z180 / Z275 (as per requirement)
- Thickness (TCT) 1.5, 1.8, 2.0mm, 2.5mm, 3.0mm
- Standard Length Customized up to 12 meters
- Surface Galvanized / Painted

Applications:

- Pre-engineered building roofing
- Wall girts
- Mezzanine floors
- Industrial sheds
- Warehouses
- Car parking structures
- Solar panel mounting structures

Advantages:

- Lightweight and high strength
- Faster installation
- Custom cut-to-length
- Cost-effective framing solution
- Corrosion-resistant galvanized coating

STEEL TRADING:

- HRC
- GI / PPGI Coils
- MS Plates
- Angle / Channel / Beams
- Hollow Sections

FLASHINGS:

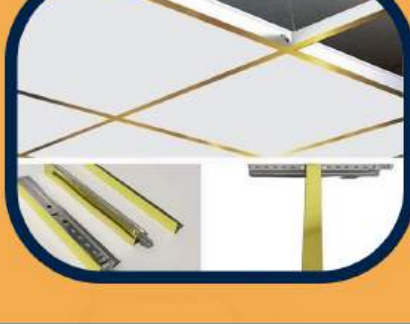
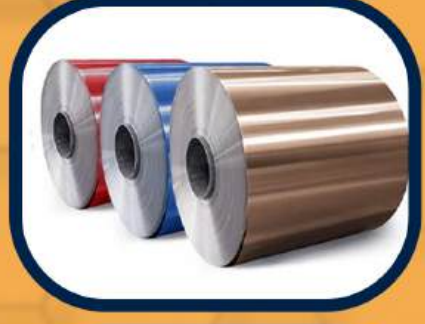
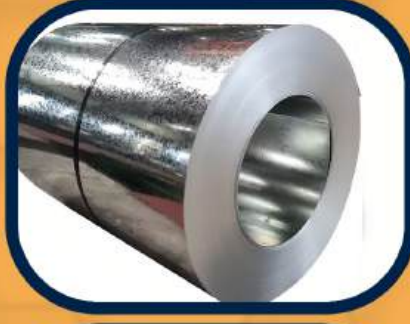
- Ridge Capping
- Corner Flashings
- Gable Flashings
- Drip Trims
- Gutters & Downpipes

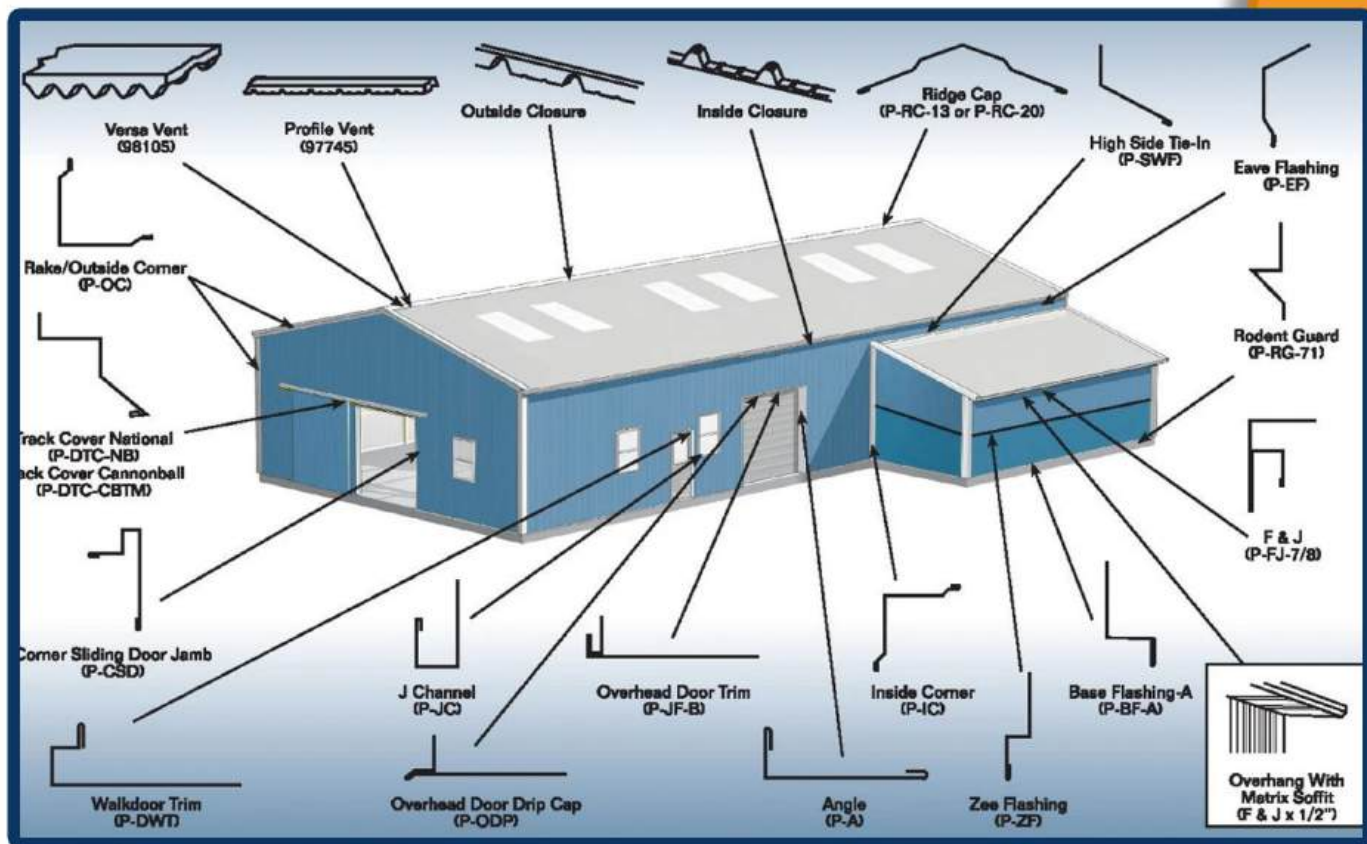
FENCING SYSTEMS:

- Chain Link Fence
- Welded Mesh Fence
- Temporary Fence Panels

FALSE CEILING SYSTEMS:

- T-Grid System
- Gypsum Boards
- Acoustic Tiles





METALSPAN PRODUCT CATALOG

BUSSINESS WITH US

GET IN TOUCH



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