



*ADDING VALUE TO STEEL*

## COMPANY PROFILE



# VISION

We aspire to be the global steel industry benchmark for the world's most reliable and innovative steel manufacturer, service and solution provider in the steel industry.

# MISSION

To maximize value for our worldwide client base by supplying high quality steel products, providing related services and solutions while utilizing innovative technologies and a team of motivated employees, focused on continuous improvement, highest business standards, work ethics and corporate citizenship.

# ABOUT US

Since its inception, DANA group's endeavor has always been to do their best in catering the needs of their valued customers with their high quality products and services, of course at reasonable rates. Sharing and practicing this principle are their corporate office, manufacturing unit and showrooms in Dubai, trading companies and manufacturing facilities in India and associate offices in West Africa and South Africa.

# OUR STRATEGIC VISION

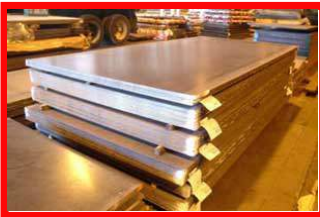
- Moving up the Steel Value Chain
- Diversifying the Product Base
- Geographic Expansion

# CORE VALUES

- We uphold honest business practices and nurture a mutually respectful and beneficial relationship with all our customers and suppliers.
- We are passionate about achieving results that exceeds expectations.
- We believe our employees are our greatest asset.
- We embrace change and are on the lookout to seize new opportunities at all time.
- We scale to seek heights of excellence in all that we do.



# OUR PRODUCTS & SERVICES



## Coil Service Center - Cut-to-length/Slitting/Perforation Facility

### FULLY AUTOMATIC CUT-TO-LENGTH MACHINE

We have state-of-the-art fully automatic IGBT technology based CUT-TO-LENGTH plant in our factory, where-in we can cut GI,PPGI,Hot Rolled, Cold Rolled,Aluminium, Stainless Steel as per desired dimensions on Job work basis



### HIGH PRECISION SLITTING LINE

Slitting line for GI, Hot Rolled, Cold Rolled, Aluminium, Stainless Steel Coils with decoiler, leveler,slitting shear, edge trimming shear, roller breaking unit and tension re coiler



### PERFORATION & FABRICATION

Full-fledged sheet metal workshop with CNC turret punching machines, press brake shearing machines (3mtr length), Single action presses + Hydraulic presses for perforation and fabrication jobs.



## Pipes and Tubes

DANA GROUP OF COMPANIES has state-of-the-art ERW pipe mill for manufacturing round pipes from 1/2" to 5", Square tubes (SHS) from 19mm x 19mm to 100mm x 100mm, Rectangular tubes (RHS) from 40mm x 20mm to 100mm x 50mm. We manufacture as per BS EN 10255 (Formerly BS 1387), EN 10219, EN 39, ASTM A53 Sch40 and ASTM A500 standards.



## Sandwich Panels

Sandwich Panels are used majorly in facades, partition wall ceilings, architectural claddings, manufacturing containers, machine coverings, warehouses, power plants cold room and other industrial and commercial places. Sandwich panels consist of two outer metal sheets (steel, aluminium or other) with a stabilizing insulation core.



## Corrugated Perimeter Fencing

DANA GROUP OF COMPANIES is one of the largest manufacturers of corrugated perimeter fencing in the middle east. We manufacture both Discontinuous & Continuous Corrugated fencing panels as per client requirements for usage in construction sites, schools, playgrounds etc.



## Corrugated Roofing Sheets

Sheets of pre painted hot dipped galvanized steel or aluminium are rolled in roll forming machines to produce a liner corrugated patterns and are cut to required length. Then they are fixed on purlins by means of self tapping screws. Different pitch and depth corrugation patterns can be made as per order.



## Decking Sheets

Floor decking sheets are manufactured by rolling machines using galvanized steel of thickness 0.70mm - 1.50mm. Floor decking sheet sticks very strongly into the concrete with strong rib and hence provide a very strong structural platform without need of purlin and framing underneath. Roof decking sheets can withstand various types of loads. Greater span are available up to 3.0 meters.



## Z & C Purlins

DANA STEEL Z & C purlins are manufactured by automatic purlin rolling machines in its facility at Ajman, Roofing Sheets are fixed on purlins using screws. The range of purlins manufactured by DANA STEEL varies in depth from 80mm to 450mm and thickness up to 3.0mm there by allowing purlins to cater to much larger spans.



## Cable Management Systems

We manufacture various types of cable trays, troughs, U channels, strut supports, cable ladder systems, cable trunking along with all accessories & covers. Our cable management systems are manufactured conforming to IEC 61537, BS EN 61537, NEMA VE 1 and they conform to safe installation guidelines of NEMA VE2, BS 7671 : 2001, NFPA 70.



## Cold Room Solution

DANA is turn key solution provider as manufacturer for supply and installation of industrial & Domestic Walkin cold room , cold storage rooms ,freezer room , defrost room , Blast freezer room , chiller room & refrigeration plants for various range of applications from Food storage and warehousing , flowers , supermarkets hotels , hospitals , blood banks to pharmacies . Our aim is producing of unique Cold room , Walkin Chiller and Walkin Freezer room Blast freezer room & refrigeration systems, of various types and capacities for food sector , flowers , wine and beer , frozen food ,frozen fruits and vegetables refrigerated fruits and vegetables , frozen fish and many other industries.



## Water Heater, Coolers & Chillers

Our sister concern company DANA WATER HEATERS & COOLERS FACTORY LLC is one of middle east's largest manufacturers of stainless steel drinking water coolers, Domestic/Industrial Water Chillers & Water Heaters.

Stainless Steel Drinking Water Coolers :- DANA water coolers are specially designed to withstand the tough climatic condition of GCC, and are made from highest quality raw materials.



Domestic/Industrial Water Chillers :- DANA water chillers are highly efficient compact units used for cooling water and are widely used for cooling water tanks in villas, mosques, warehouse, worker accommodations, hotels as well as heavy industries (Steel,Plastic,Chemicals).

Water Heaters :- DANA Glasslined electric storage water heaters are manufactured in a state-of-art manufacturing facility. We manufacture vertical/horizontal wall mounted water heaters from 30 ltrs - 100 ltr.

# SANDWICH PANELS

DANA Steel has state of the art facilities with fully automatic lines for making roof (corrugated) and wall (flat) sandwich panels with various insulation materials. The outer surface of the sheets can be flat, corrugated or any specific design. Insulating material can be Polyurethane, Polyisocyanurate, Rock wool. These panels are manufactured by our state-of-the art continuous laminators and also supported by our heavy duty discontinuous presses.

Surface Finish Types	Top & Bottom Sheet Material Types	Insulation Types
Plain	Pre Painted Aluminum	Polyurethane (PUR)
Corrugated	Mill Finish Aluminum	Polyisocyanurate (PIR)
	Pre Painted Galvanized Steel	Mineral Wool / Rockwool
	Mill Finish Galvanized Steel	
	Pre Painted AluZinc	
	Mill Finish AluZinc	

## Specification of Top & Bottom Profile Sheet Material

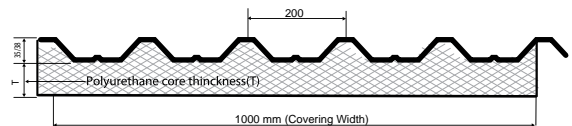
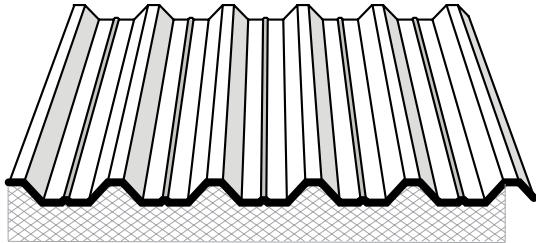
Aluminum	Grade A3105H 16 in mill finish or prepainted
Galvanized Iron sheets (GI)	ASTM A653 or other equivalent standards like JIS 3302 , EN 10326 /10327 , IS 277 with Zinc Coating G60 -180gms/m2 or G90 - 275 gms/m2
Aluzinc/Galvalume Sheet (AZ)	ASTM A792 or other equivalent standards like EN10215 with coating AZ-100(100g/m2) or AZ-150 (150 g/m2)

## Combinations of Top Skin and Liner

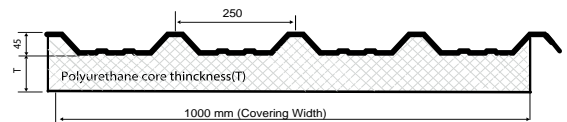
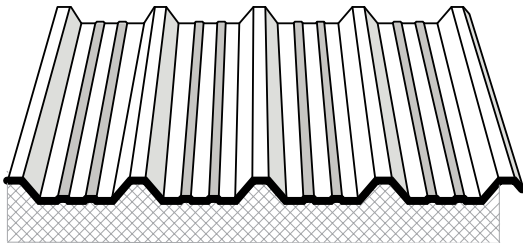
Top Skin	Liner
GI Mill Finish	GI Mill Finish
GI Polyester Coated	GI Polyester Coated
GI PVDF Coated	GI PVDF Coated
Aluminum Mill Finish	Aluminum Mill Finish
Aluminum Polyester Coated	Aluminum Polyester Coated
Aluminum PVDF Coated	Aluminum PVDF Coated
Alu-Zinc alloy coated steel mill finish	Alu-Zinc alloy coated steel mill finish
Alu Zinc alloy coated steel PVDF coated	Alu Zinc alloy coated steel PVDF coated
	Aluminum Foil 0.05mm thick

# TYPES OF DANA INSULATED SANDWICH PANELS

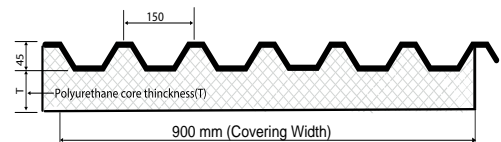
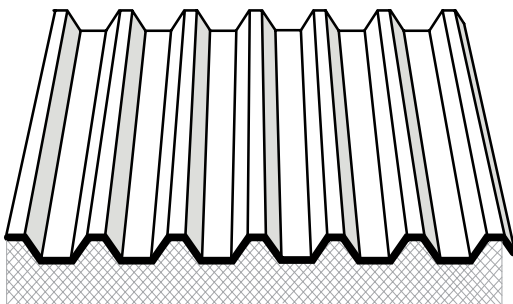
## DCP 35(38) / 200



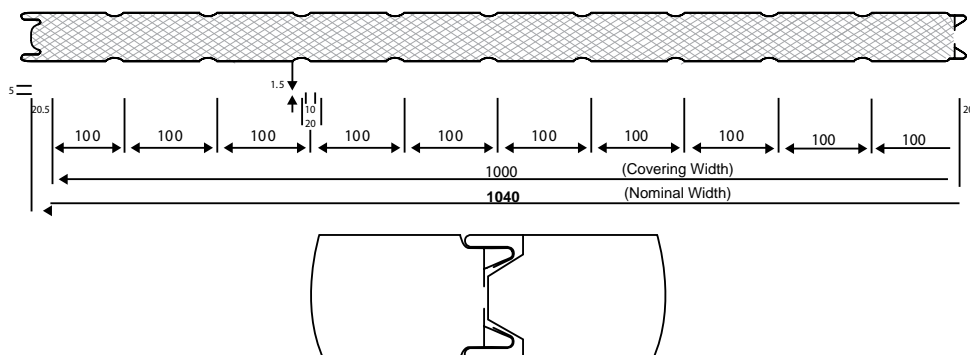
## DCP 45 / 250



## DCP 45 / 150



## DANA FLAT PANEL



Tounge and Groove Joint



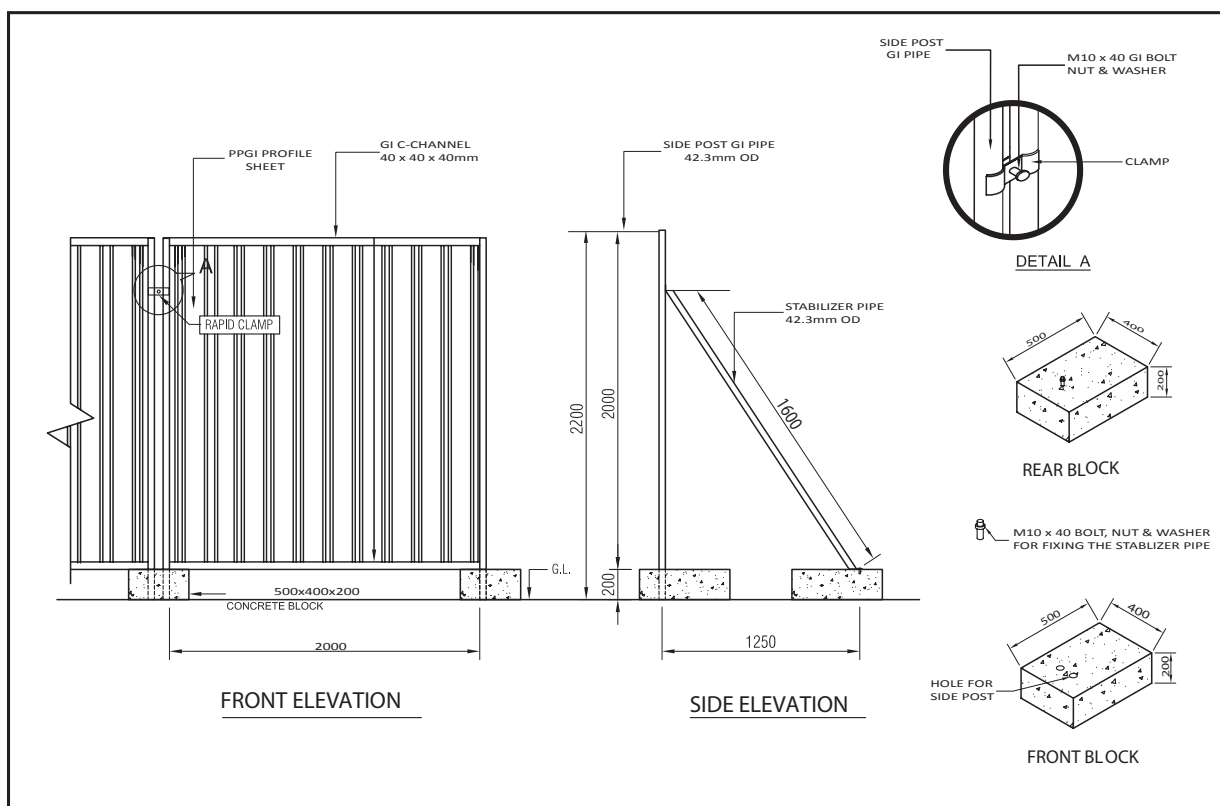
# CORRUGATED PERIMETER FENCING

DANA STEEL PROCESSING INDUSTRY LLC fabricates steel fencing and aluminum fencing panels in various metal finishes. Steel fence panels in GI, HDG, Powder coated form are available. Fencing corrugated sheets can be of any color as per customers requirements:- White (RAL 9002), Blue(RAL 5012) Grey (RAL 7031) or any other RAL color.

## 1. DISCONTINUOUS CORRUGATED FENCING

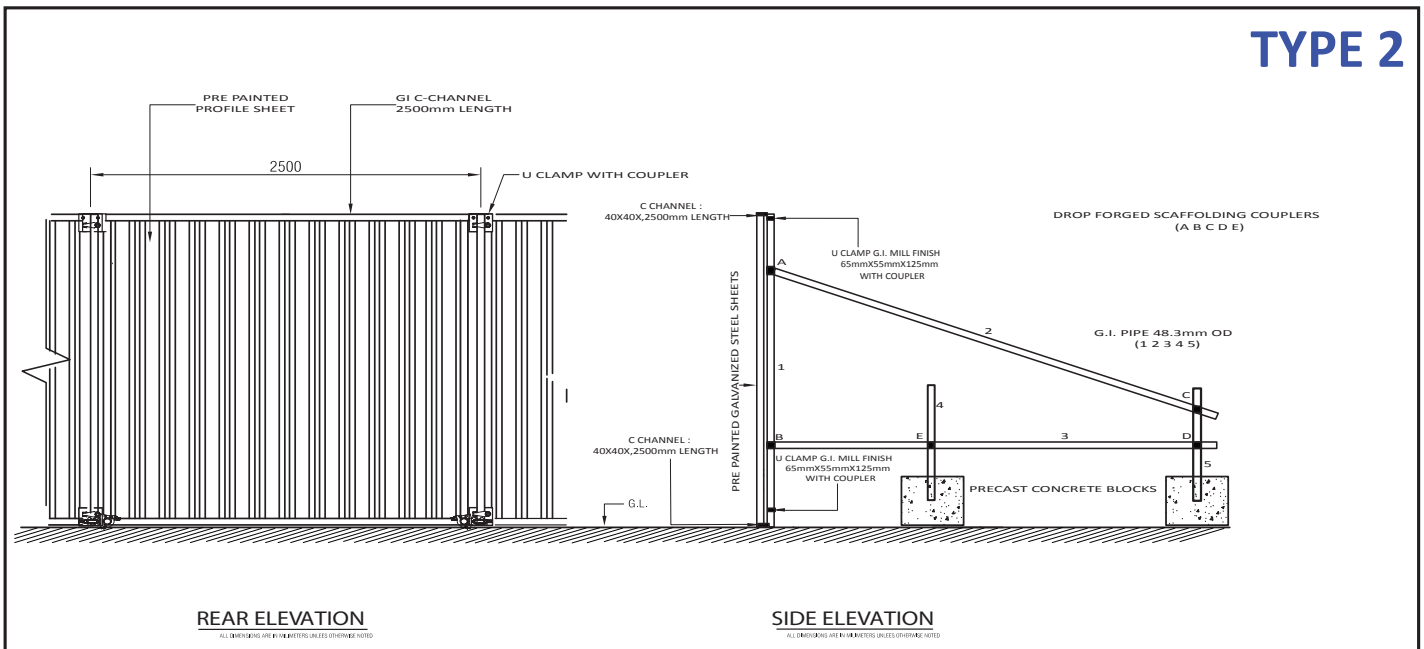
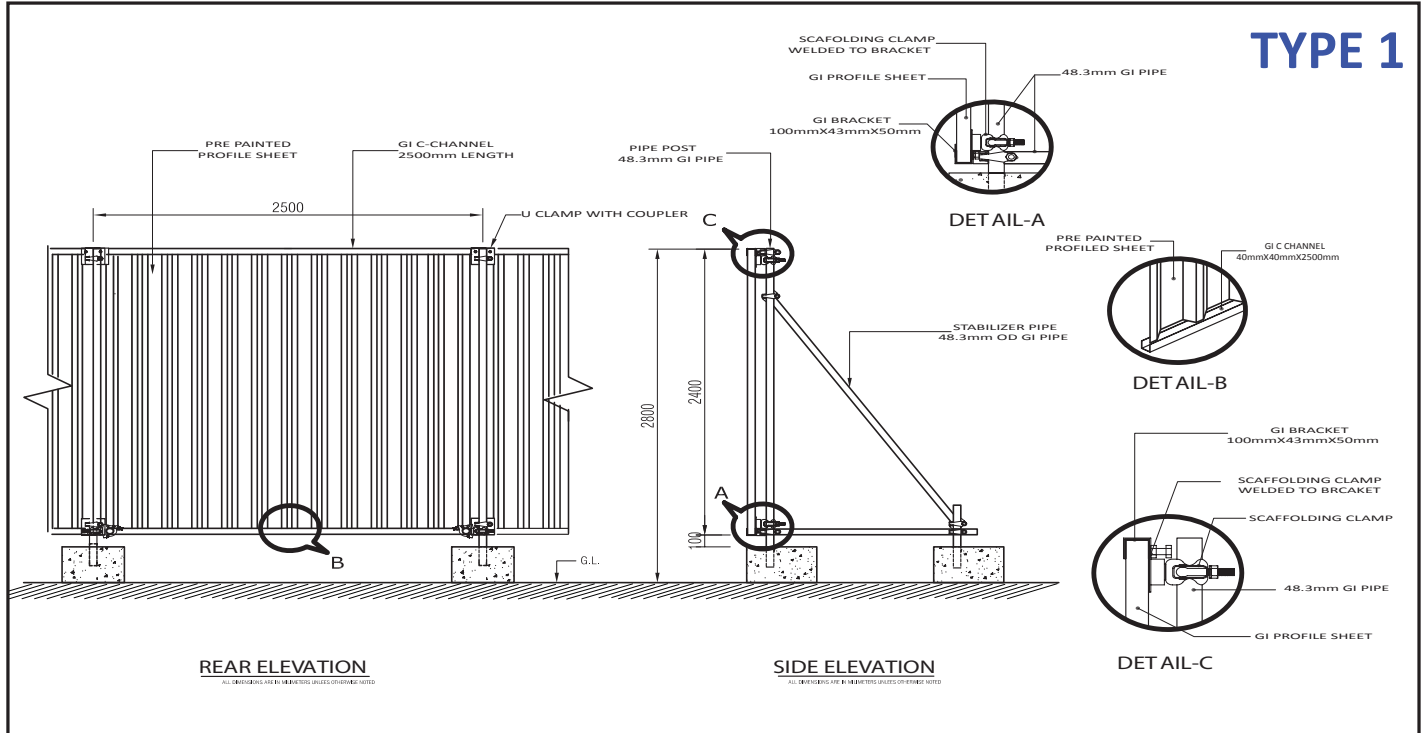
In which panel boards of 2mtr x 2mtr are fixed on concrete blocks at every 2mtr intervals and are back supported at the junction

Detailed drawings are submitted to clients for approval before fabrication



## 2. CONTINUOUS CORRUGATED FENCING

In this system the corrugated steel sheets are overlapped such that there is no gap in the fence. It is a continuous stretch of fencing with no gap in the middle or the bottom. Such fencing is usually back - supported at regular intervals of 2.5 mtrs with heavy duty galvanized ERW pipes.





# DANA SINGLE SKIN PROFILE SHEETS

Dana profile sheets offer architects and designers a range of choices for roof and wall cladding such as internal linings, external cladding and for industrial and commercial buildings.

Designed to exhibit high static characteristics with reduced weight, these sheets guarantee the optimization of the structure's realisation costs while providing safe working platforms.

The main advantage of profiled sheets are that:

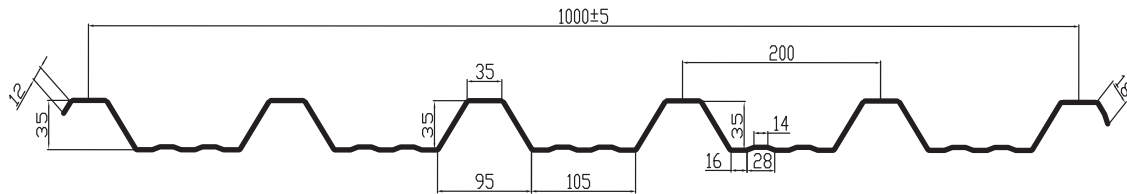
- They are inexpensive
- Allows rapid and rational installation
- Minimum labour required for execution
- Modification or extensions can be done at any time
- Made to site measurement thus eliminating wastage and installation complications
- Easy to dismantle for building transformations

Dana supplies profiled sheets based on chosen customer parameters such as weight, strength, durability, surface finish and color. Our dedicated staff offer the best possible advice for your profiled sheet requirement.

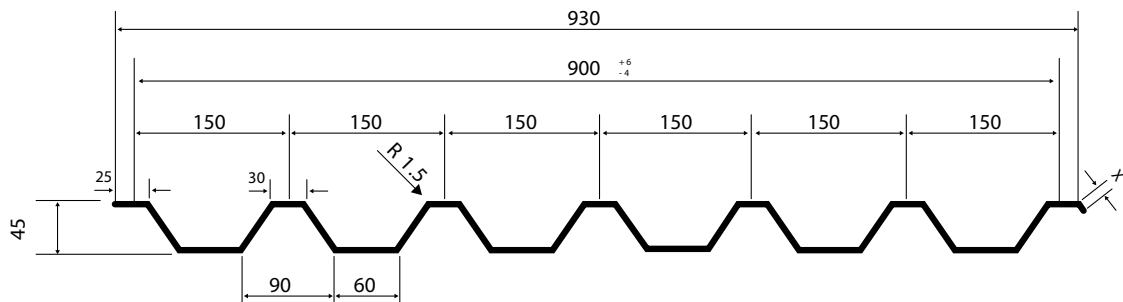


# SINGLE SKIN SHEETS

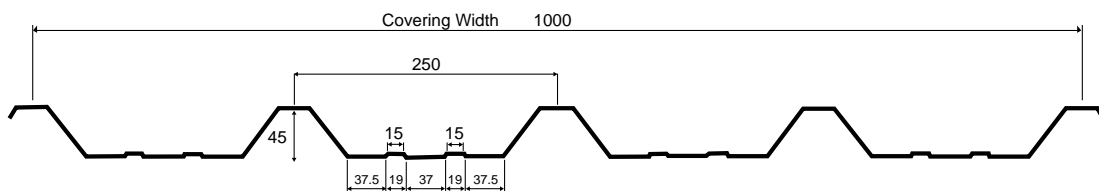
## DSS 35(38)/200



## DSS 45/150



## DSS 45/250



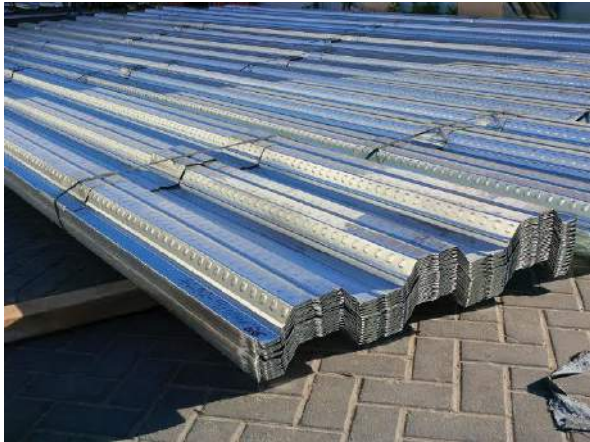
### Specifications:-

Aluminium profiled sheet is 0.40mm upto 2.0mm thick alloy A3105 - H16 temper is supplied as standard. However different alloys like (3003,3013,4343,4045,5052,5086,6061,8011 etc) & Tempers (H12, H14, H16, H18, H20, H22, H24, H32, H34, H36, H38 etc) can be supplied on request

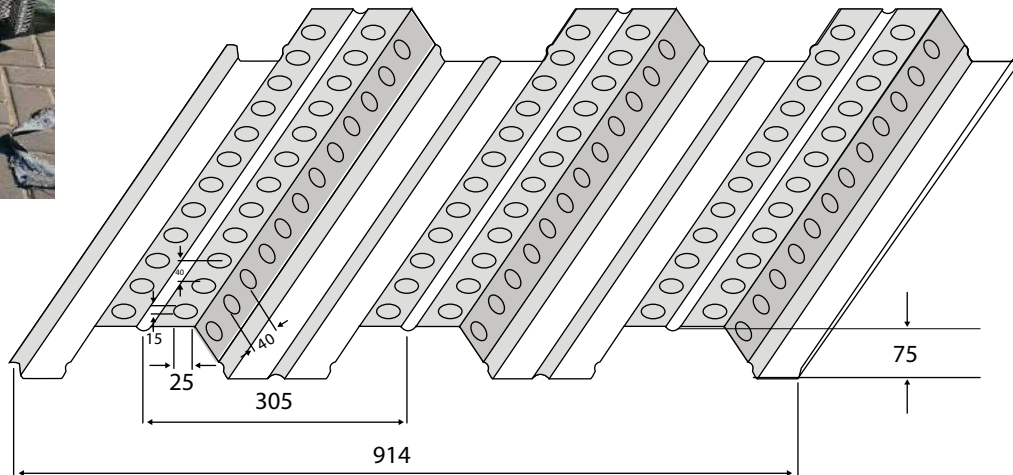
Galvanized (GI) & Alu Zinc (AZ) coated steel profile sheets 0.30 to 0.90mm thick as per ASTM A653 for GI & ASTM A792 for Alu Zinc - Alternative grades can be supplied on client request.

The Surface is painted with baked regular modified enamel polyester (RMP), with 5 micron primer and 20 micron coat on the weathering side and 5/7 micron primer on the reverse - PVDF, Silicon, Modified Polyester, Platisol & special coatings are available on client request."

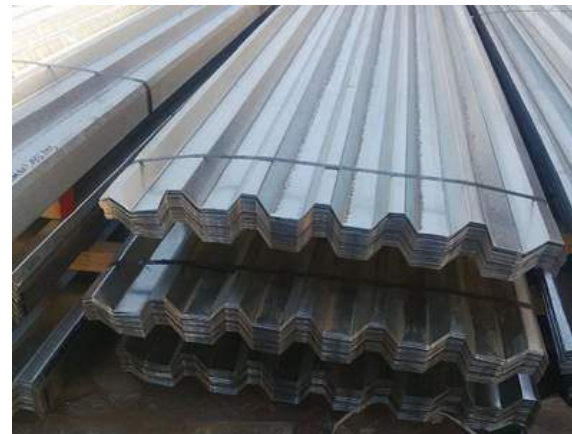
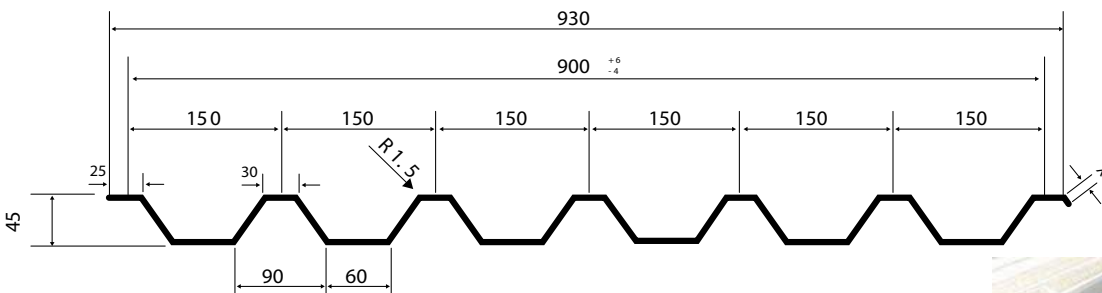
# DECKING SHEETS



DSD 75/305  
Decking Sheets



DSD 45/150  
Decking Sheets



## Material Specification

- A Galvanized and Color Coated Steel of thickness 0.7mm to 1.5mm conforming to EN 10147 S350 GD/FeE 350G / ASTM A653, SS,GR.50
- B Hot dip galvanized with G90 or Z275 coating
- C Yield Strength  $\geq 350$  N/mm<sup>2</sup>



# DANA STEEL C & Z PURLINS

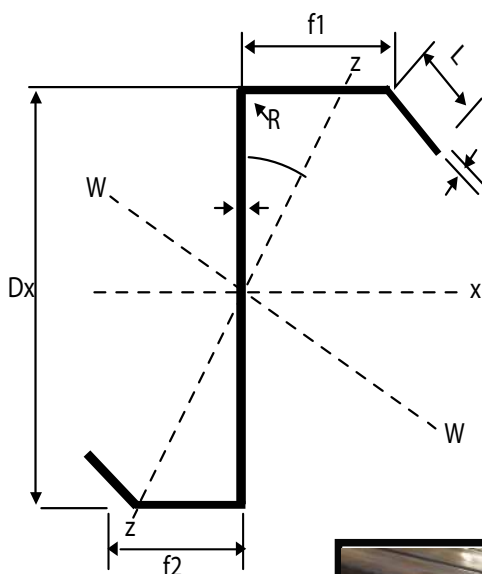
**DANA GROUP** facilities are well equipped for producing Z & C Purlins which are the secondary structural members used to support the roof sheeting and the wall cladding.

Besides being economical to use, the Z & C purlins provide excellent strength to weight ratio. The Z and C Channels are manufactured from galvanized coils conforming to ASTM - A653, SS - Grade 50 with minimum yield strength of 345 MPa. The range of purlins produced varies in depth from 100mm to 450mm and the related thickness varies up to 3mm there by allowing them to cater to large spans.

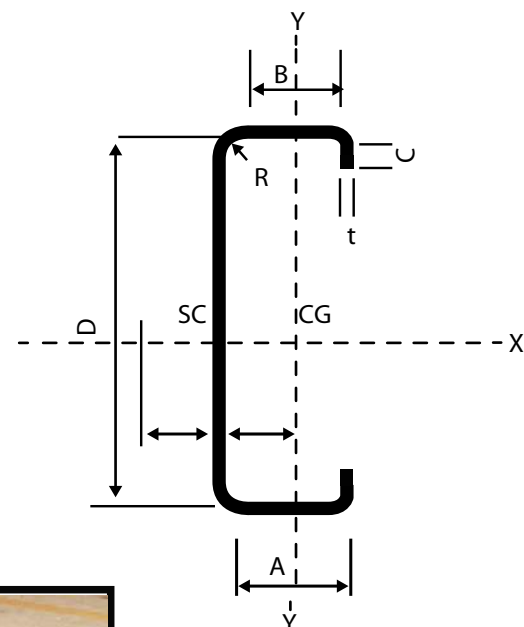
The flange widths, lip sizes and flange angles of the sections can be set to be manufactured based on individual client needs.

## BENEFITS OF DANA STEEL PURLINS

- High strength to weight ratio
- Economical
- Can be used for large spans of up to 11m
- Better quality and finish
- Quick installation
- Custom made to requirement



Z Purlin



C Purlin



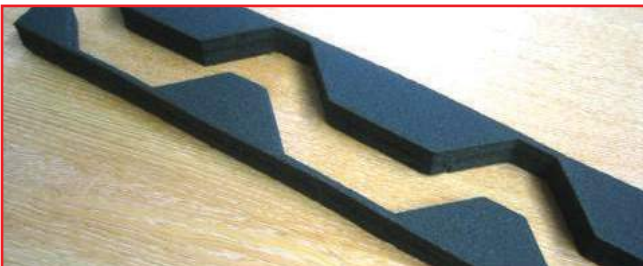
# DANA STEEL ACCESSORIES

## BUTYL STRIP



Roofing and Cladding, side and end laps (special U shape strip available for double seal on end laps), joining single skin roof lights

## FILLER BLOCK



SHEAR RESISTANCE: 592 daN

TEAR RESISTANCE: 724 daN

Sealing all roofing/cladding profiles against water/water vapour ingress. Roof light fillers. Eaves and ridges fillers.

## GRP TRANSLUCENT SHEETS



They are Contact Moulded to any profile using clear UV stabilised Polyester Resins reinforced with Powder Donned "E" Grade fiberglass Mats. The raw materials used are from reputed manufacturers.

Particular care is taken to see there are no air pockets in the laminate and the surface which is not in contact with the Mould is top coated to provide closed surface which increases the life of Transluscent Sheet. We use GRP Moulds for manufacturing our Transluscent Sheets.



## TYPE 'A'

Thread of 2,54 : Pointed end

- On wood purlins
- On steel purlins

3mm Thickness

Screw with  $\Phi$  19mm washer

6,5 x 25mm

6,5x 70mm

6,5x 130mm

## TYPE 'B'

Thread of 1,81: flat end on steel purlins exceeding

3mm Thickness

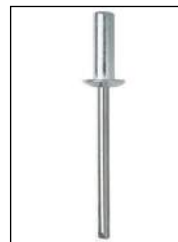
Screw with  $\Phi$  19mm washer

6,3 x 20mm

6,3 x 80mm

6,3 x 110mm

## POP BLIND RIVETS



Sealed type:

99.5% Pure Aluminium

Material composition to BS

1475 A 199.5

Mandrel: Aluminium (A)

PD 68A 48 x 11.4mm

Tensile 1060N

Strength (240lbf)

Shear 1060 N

Strength (240lbf)

## SCREW CAP



Coloured plastic caps to fit hexagonal head of the screw and cover washer.

# OUR OTHER PRODUCTS

## CABLE MANAGEMENT SYSTEMS

**DANA STEEL PROCESSING INDUSTRY LLC** manufactures various types of cable tray & cable ladder systems, cable trunking, cable tray accessories & covers as per IEC 61537, BS EN 61537, NEMA VE1 and they conform to safe installation guidelines of NEMA VE2, BS7671 : 2001, NFPA 70. We also manufacture complete strut channel support systems with accessories and covers. We cater to all offshore, marine, onshore, industrial, power plants, petro chemical - complex, hydrocarbon processing plants, infrastructure, bridges, substation pipelines, hospitals, commercial towers etc. We have a proven track record of supplying to prestigious oil & gas projects in the middle east including high-end clients like GASCO, TAKREER, PDO, QP, ENI, ENPPI, BOROUGE, ADCO, SAIPEM, TOTAL, ADNOC, DEWA, FEWA, ADDC just to name a few.

### **Material Specification**

- Pregalvanized steel or hot dip galvanized steel before fabrication (HDGBF) as per BS EN 1042
- Hot dip galvanized after fabrication (HDGAF) as per BS EN 1461
- Epoxy Polyester Powder coating or wet Painting to any RAL Colour.
- Aluminium Cable Trays/Ladders/Trunking as per Alloy 5052
- Stainless Steel Cable Trays/ladders/Trunking to AISI 304 and AISI 316L

## COLD ROOM



## WATER HEATERS & COOLERS/CHILLERS





# OUR OTHER DIVISIONS

## DANA GROUP (LUBRICANTS & GREASE DIVISION)



## DANAMART HYPERMARKET



## DANA HEALTH CARE





## **DANA GROUP OF COMPANIES**

[An ISO 9001 : 2008 Certified Company]

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