

PRODUCT SHEET - GALVANISED STEEL



Alstro is one of the leading metal-business and exporter of Galvanized Steel. Galvanized steel is corrosion resistant, eco-friendly, durable, light weight and high in strength. During the process of galvanising, zinc reacts with steel and forms zinc-iron alloy layers. These layers are bonded metallurgically to the base steel, with the relatively pure zinc layer on the outer surface to act as a protective coat. It creates an impervious barrier on the

steel, thus preventing it from coming in contact with moisture and preventing corrosion.

Also, galvanizing enables the sheet to achieve excellent adhesion and abrasion resistance. Another shielding mechanism is zinc's property to galvanically protect steel. When base steel is exposed to cuts, edges or scratches, the zinc coat's corrosion protects the steel.

FEATURES

- Wide thickness range for varied applications
- Manufactured in Commercial, Forming, Drawing and Structural grades
- Computer controlled processes ensure perfect zinc coating on the strips which further helps in effective prevention of rust and in lengthening the product life
- The sheets are made in different surface finishes, such as bright, dull or matte as per customer requirements. Spangles can be regular or minimum as specified by the buyer.

APPLICATIONS & GRADES

STRUCTURAL GRADES

Roofing and Cladding

Ducting

COMMERCIAL, FORMING & DRAWING GRADES

Boxes

Coolers

Furniture

Heat Plates

Solar Heating Panels

Electrical and Light Fittings

Agricultural Equipment

Sandwich panels

HDG COILS

	THICKNESS(mm)	WIDTH(mm)	COATING(GSM)
PRODUCT	0.12 to 0.30 0.30 to 1.60 1.60 to 3.00	750 to 1270 1450 1200 max	50 to 275 50 to 400 100 to 275
SURFACE FINISH	Bright finish with regular spangles Skin passed and tension levelled		
SURFACE TREATMENT	Chromated / Dry / Oiled		
COIL ID/MIN SHEET LENGTH	508 and 610		
COI OD/MAX SHEET LENGTH	1800		
COI/PKT WT(MT)	20 MT Max		
PRODUCT QUALITY	Commercial Soft Lock Forming Quality Deep Drawing Extra Deep Drawing.IF Full Hard Bending and Forming Structural Grade		
COATING TYPE	Zinc		
STANDARDS	JIS:G:3302,EN10142,ASTM:653, IS 277		

HDG PLAIN SHEETS

	THICKNESS(mm)	WIDTH(mm)	COATING(GSM)
PRODUCT	0.12 to 0.30 0.30 to 1.60 1.60 to 3.00	750 to 1270 1450 1200 max	50 to 275 50 to 400 100 to 275
SURFACE FINISH	Bright finish with regular spangles Skin passed and tension levelled		
SURFACE TREATMENT	Chromated / Dry / Oiled		
COIL ID/MIN SHEET LENGTH	500		
COI OD/MAX SHEET LENGTH	5000		
COI/PKT WT(MT)	5 MT Max		
PRODUCT QUALITY	Commercial Soft Lock Forming Quality Deep Drawing Extra Deep Drawing.IF Full Hard Bending and Forming Structural Grade		
COATING TYPE	Zinc		
STANDARDS	JIS:G:3302,EN10142,ASTM:653, IS 277		

HDG CORRUGATED SHEETS

	THICKNESS(mm)	WIDTH(mm)	COATING(GSM)
PRODUCT	0.12 to 0.30 0.30 to 0.80	665 to 1065 665 to 1220	50 to 275 50 to 400
SURFACE FINISH	Bright finish with regular spangles		
SURFACE TREATMENT	Chromated / Dry		
COIL ID/MIN SHEET LENGTH	1830		
COI OD/MAX SHEET LENGTH	4880		
COI/PKT WT(MT)	5 MT Max		
PRODUCT QUALITY	Full Hard Quality or as per buyer		
COATING TYPE	Zinc		
STANDARDS	JIS:G:3302,EN10142,ASTM:653, IS 277		

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