



Continuous Galvanization

Produced in a thoroughly modern continuous galvanizing line based on techniques acquired through the years of experiences, KG Dongbu Steel's "Hot-Dip Galvanized Steel Sheet" provides a smooth and cutting-edge quality products. KG Dongbu Steel has been fully committed to offer galvanized steel sheets with a broad range of base metals quality, including commercial, lock-forming, drawing, and structural quality. Moreover, each product may be supplied chromated to minimize the possibility of rust.



Super Formability

Highly workable steel sheets and strips are used as raw materials for all the galvanized steel sheet products at the Cold-Rolled Mill of KG Dongbu Steel Co., LTD. The raw materials in coil forms are continuously annealed, galvanized, and properly leveled, granting final products superior formability.



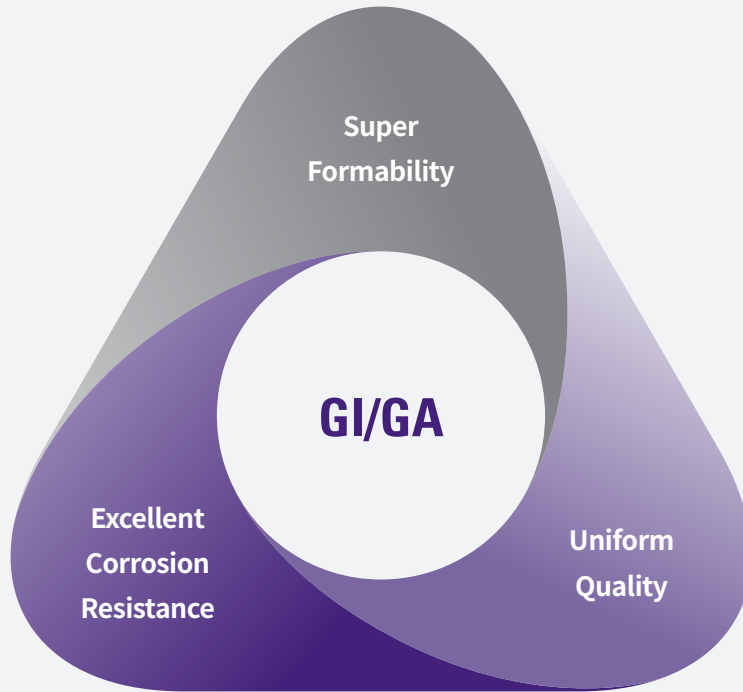
Excellent Corrosion Resistance

Galvanized steel sheet products are treated with chromic acid in order to minimize the possibility of rust, which also enables surface luster to last longer.



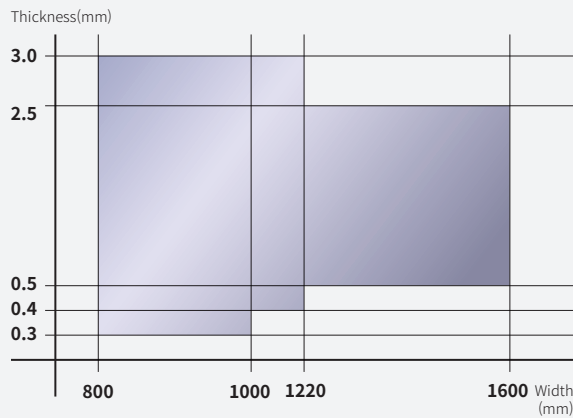
Uniform Quality

Production is carried out through a strict quality control and inspection in order to maximize customers' satisfaction.

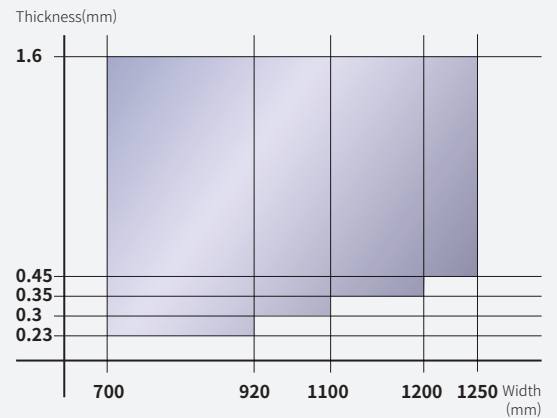


Size Availability

Dangjin



Incheon



※ There may be restrictions for each type of steel, so please consult with the sales and quality department in advance when ordering new products.

Specification

Designation	KS D 3506		JIS G 3302		ASTM A653	EN 10346
	CR	HR	CR	HR		
Commercial Quality	SGCC	SGHC	SGCC	SGHC	CS Type A&B	DX51D
Lock Forming Quality	SGCC-F	-	SGCC-F	-	CS Type C	
Commercial Soft Quality	SGCC-L	-	SGCC-L	-	FS Type A&B	DX52D
Commercial Hard Quality	SGCH	-	SGCH	-		DX53D
Drawing Quality	SGCD1	-	SGCD1	-	DDS EDDS	DX54D
	SGCD2	-	SGCD2	-		DX56D
	SGCD3	-	SGCD3	-		DX57D
Structural Quality						S220GD
						S250GD
	SGC245Y	SGH245Y	SGC340	SGH340	Grade 230	S280GD
	SGC295Y	SGH295Y	SGC400	SGH400	Grade 255	S320GD
	SGC335Y	SGH335Y	SGC440	SGH440	Grade 275	S350GD
	SGC365Y	SGH365Y	SGC490	SGH490	Grade 340 class 1,2,3	S390GD
	SGC560Y	SGH400Y	SGC570	SGH540	Grade 550	S420GD
						S450GD
						S550GD

High strength steel 340 / 440 / 590

Surface Treatment

Type	Main Applications
No Chromate	General painting
Chromate	General
Non-Cr	Home appliances
Antimicrobial Coating	Antimicrobial

* Organic Coating enhances Anti Fingerprint Properties and drawability.

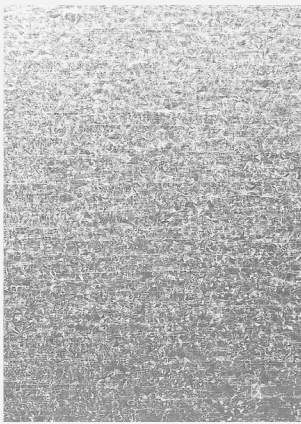
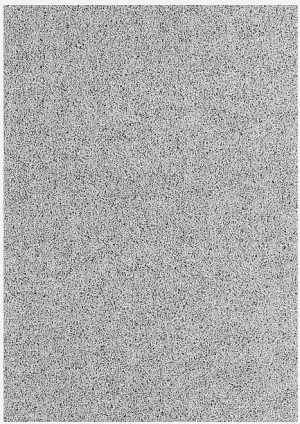

Oiling

Oiling Classification
No-oiled
Oiled

Surface Finish

Type	Surface Finish
Zero Spangle Finish (No Skinpass)	Skinpass X, Excellent gloss
Zero Spangle Finish (Skinpass)	Skinpass O, Surface is beautiful, Excellent processability due to removal of elongation at yield point
Galvannealed Finish	Galvannealed steel sheets have a highly workable iron-zinc alloy layer. Good paint-adherence properties, corrosion resistance and weldability make them ideal for use in automobile home appliances and buildings.

Surface Finish & Applications

Classification	Zero Spangle Finish (No Skinpass)	Zero Spangle Finish (Skinpass)	Galvannealed Finish
Surface Finish			
Weight of Zinc Coating	Z05 - Z60	Z05 - Z60	F06 - F18
Quality	CQ DQ SQ	CQ DQ SQ	CQ DQ SQ
Application	<ul style="list-style-type: none"> · Steel furniture & office equipment · For painting 	<ul style="list-style-type: none"> · Steel furniture & office equipment · For painting · Home applications 	<ul style="list-style-type: none"> · Home applications (Washer, Micro wave oven) · Building materials · Automotive parts