

◆品質政策◆

Vision

紮根專業

Professional

滿足客戶

Satisfaction

◆環安衛政策◆

Environmental, Health and Safety Policy

守護健康

Health Guard

預防風險

Risk Prevention

友善環境

Environment Friendly

節能減廢

Energy Save and Waste Reduction



裕鐵企業股份有限公司

Prosperity Tieh Enterprise Co., LTD.



☎ 886-7-616-6918

☎ 886-7-616-9925

✉ E-mail:sales@mail.ptgroup.com.tw

🌐 <http://www.ptgroup.com.tw>



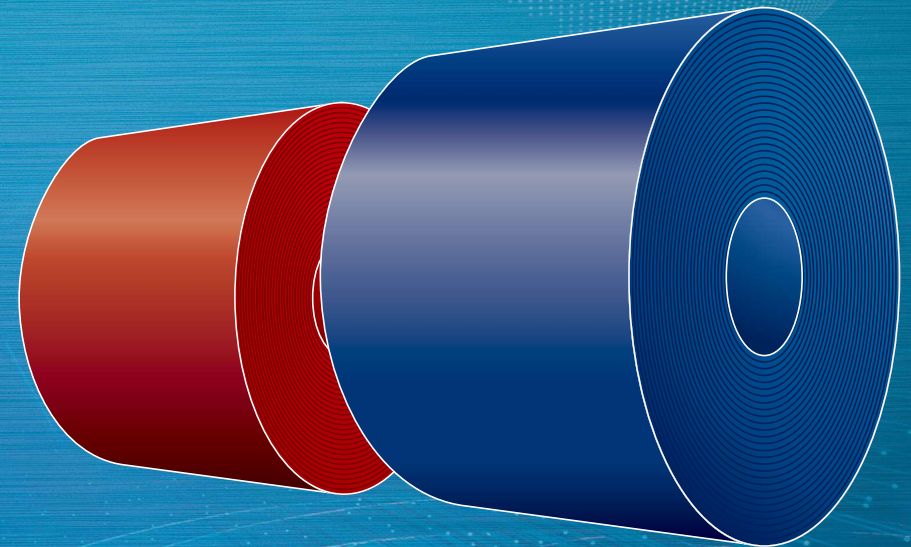
🏠 824 高雄市燕巢區安招路639號

No.639 An-Jau Rd., Yenchao, Kaohsiung 824, Taiwan



裕鐵企業股份有限公司

Prosperity Tieh Enterprise Co., LTD.



公司簡介及產品目錄

Company Profile & Catalogue



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裕鐵企業股份有限公司成立於1985年，經營項目從傳統的鋼(捲)板分條裁剪、製管、華司沖壓逐漸轉型專業的熱浸鍍鋅、鍍55%鋁鋅及烤漆鋼鐵製造廠。

三十年來，裕鐵企業在生產設備、製程能力及產品品質上不斷努力提昇水準。目前我司擁有一流且完整的生產線，包含酸洗線、冷軋線、二條連續熱浸鍍鋅/鍍55%鋁鋅線、連續酸洗熱浸鍍鋅/鍍55%鋁鋅線、三塗三烤彩色烤漆線，生產規模已達完備。因此，裕鐵企業有信心提供具優異的耐腐蝕性、耐熱性及輕量化等，多樣性產品來滿足客戶需求並廣泛應用在不同的產業上。

裕鐵企業專注落實工廠管理體系及所有員工團結、認真的執行品質管控，因此，在2009年2月取得ISO-9001，之後陸續獲得許多國際品質認證例如：新加坡建設局(FPC)產品認證，印尼國家標準(SNI)，日本工業國家產品認證(JIS)，國家標準檢驗局正字標記(CNS)，馬來西亞國家標準認證(MS)，以及在2011年8月實驗室取得中華民國國家實驗室認證(TAF)。憑藉著永續發展的精神，提供客戶完整、專業的服務及品質保證。

Since Prosperity Tieh Enterprise Co. Ltd (PTEC) established in Taiwan from 1985, the business core started from traditional stripping, shearing, pipe, washer pressing, then, transferred to professional Hot-Dip Galvanizing / 55%Al-Zn coating and Pre-painted steel manufacturing mill.

In the thirty years, Prosperity Tieh efforts to improve production equipments, capability, and prime quality. Nowadays, Prosperity Tieh has superb and comprehensive productions lines including Pickling Line, Cold Rolling Mill, Hot-Dip Galvanizing/ 55%Al-Zn Alloy-coated Line, and the latest Continuous Pickling and Hot-Dip Galvanizing / 55%Al-Zn Alloy-coated Line, and 3 Coating 3 Baking Pre-painted color coating Line. Therefore, Prosperity Tieh has confidence to offer varieties, high corrosion resistance, heat resistance, and weight-saving products to meet customer's demands, and utilize in different industries widely.

Prosperity Tieh always focuses on implementing factory management system and leading all members in the group to execute daily working requirements. Thus, Prosperity Tieh was accrued ISO-9001 in February, 2009, then several international certificates such as FPC (Singapore), SNI (Indonesia), JIS (Japan), CNS (Taiwan), MS (Malaysia), and TAF (Taiwan). Keeping the spirit of sustainable development, Prosperity Tieh undertakes to offer professional service and quality guarantee.



1985-03 : 公司核准設立，資本額為新台幣伍佰萬元整，從事鋼鐵製品買賣。
Established with capital of US\$147,000.00 for steel product trade.

1992-04 : 擴建岡山廠。
Kangshan factory in expansion.

1993-01 : 岡山廠生產線開始試車、生產及代工鋼(捲)板分條、裁剪、製管、華司製作及不銹鋼粉末。
The Kangshan factory started its processing of plate stripping, shearing, pipe production, washer pressing and stainless powder.

1999-03 : 動工興建岡二廠第一連續鍍鋅線廠房。
Constructed the No. 1 Continuous Galvanizing Line in Kangshan 2nd factory.

2000-09 : 第一連續鍍鋅線生產機械安裝完成，試車運轉。
The No.1 Continuous Galvanizing Line was well-installed and commissioned.

2004-02 : 第一連續鍍鋅線通過DNV專業ISO 9001:2000認證。
The No. 1 Continuous Galvanizing Line was certified ISO 9001: 2000 by DNV(Det Norske Veritas)
輾輪研磨機與德國WALDRICH SIEGEN簽約。
The CNC Roll Grinder was contracted with WALDRICH SIEGEN(Germany).

2004-06 : 擴建計劃(第二鍍鋅線)動土典禮。
The No. 2 Continuous Galvanizing Line was ground broken.

2004-07 : 酸洗線及酸回收廠與奧地利ANDRITZ RUTHNER簽約。
The Push & Pull Pickling Line and Acid Regeneration Plant were contracted with ANDRITZ RUTHNER(Austria).

2004-10 : 第一冷軋線開挖動工。
The No. 1 Cold Rolling Mill started on construction ,

2005-03 : 研磨機及酸洗線開挖動工。
The CNC Roll Grinder, Push & Pull Pickling Line started on construction.
第一冷軋線主體結構安裝，正式跨足冷軋鋼捲生產領域。
The housings of the No. 1 Cold Rolling Mill were installed. The milestone for PTEC to manufacture the cold rolled Coils.

2005-07 : 輾輪研磨機試車、開始運轉，第一冷軋線熱試車產出第一顆鋼捲。

The CNC Roll Grinder started the operation and the first coil was produced by the No.1 Cold Rolling Mill.

2008-07 : 熱浸鍍鋅55% Al-Zn(GL)產品，正式商業運轉。
Commerical run of Hot-dip 55% Al-Zn alloy-coated steel coils (GL)

2009-02 : 取得DNV ISO-9001(2008版)品質系統。
Accredited ISO 9001:2008 management system standard by DNV (Det Norske Veritas)

2009-03 : 取得新加坡建設局(FPC-BCA)工廠生產流程認證。
Accredited Factory Production Control requirements by the Building and Construction Authority, Singapore. (FPC, BCA: 2008).

2009-04 : 取得印尼國家標準(SNI)產品認證。
Accredited SNI by Indonesian Nation Standard.

2010-04 : 第三連續式酸洗熱浸鍍鋅/鍍55% 鋁鋅線及3塗3烤彩色烤漆線完成試車運轉。
No.3 Continuous Pickling and Hot-Dip Galvanizing/55% Al-Zn Alloy-coated Line and 3 Coating 3 Baking Pre-Painted Color Coating Line was well-installed and commissioned.

2011-08 : 取得中華民國國家實驗室(TAF)認證。
Accredited TAF by Taiwan Accreditation Foundation.

2012-09 : 取得日本工業國家標準(JIS)認證。
Accredited JIS by Japanese Industrial Standards.

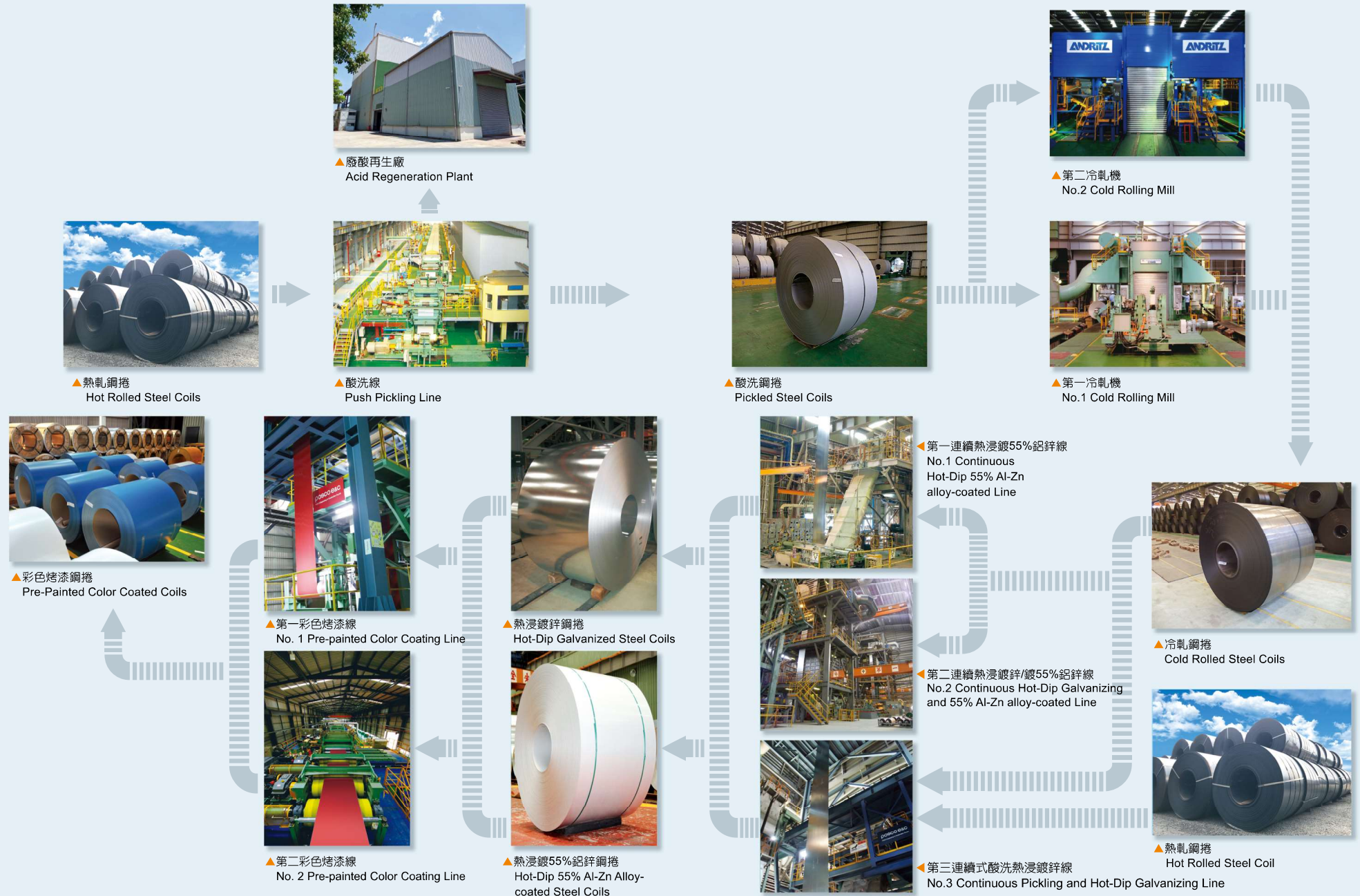
2013-09 : 取得國家標準檢驗局正字標記(CNS)認證。
Accredited CNS by National Standards of the Republic of China.

2013-10 : 取得馬來西亞國家標準(MS)認證。
Accredited MS by Malaysian Standard.

2017-09 : 第二烤漆線(路竹廠)設備機電系統全線更新，正式運轉生產。
No.2 Pre-Painted Color Coating Line with upgraded of systems, equipment, and started to operation.

2017-12 : 取得歐洲防腐等級C3(EN)產品認證。
Accredited Protection system of Corrosion Protection Category III by MPA Germany.

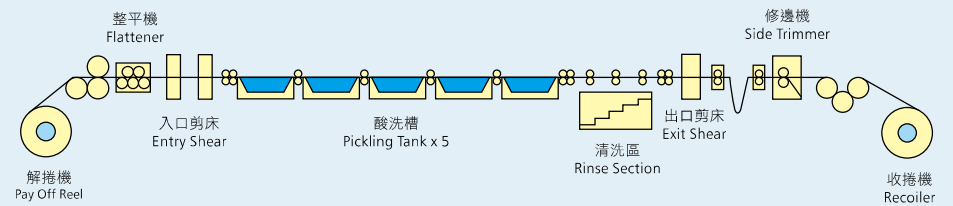
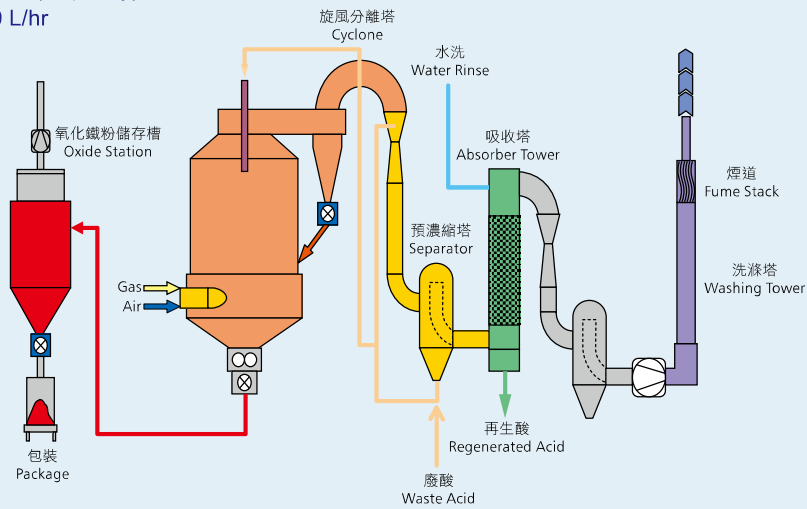
2020-01 : 第二冷軋線完成試車，正式運轉生產。
No.2 Cold Rolling Mill was installed and commissioned.





- 設備製造商(Equipment Manufacturer) : ANDRITZ(Austria)
- 產能(Capacity) : 3500 L/hr

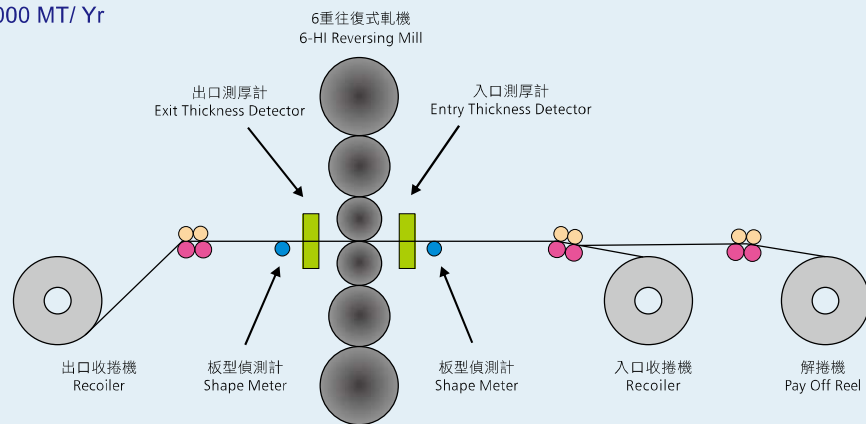
- 設備製造商(Equipment Manufacturer) : ANDRITZ(Austria)
- 產能(Capacity) : 500,000 MT/ Yr





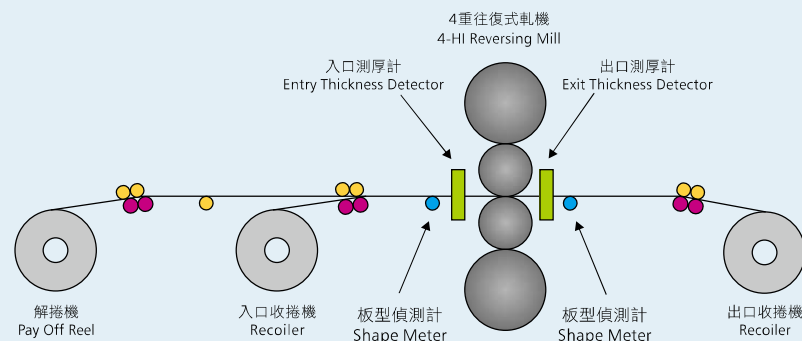
第一冷軋線
No.1 Cold Rolling Mill

- 設備製造商(Equipment Manufacturer) : KAWASAKI(6-Hi Reversing Mill)
- 產能(Capacity) : 300,000 MT/ Yr



第二冷軋線
No.2 Cold Rolling Mill

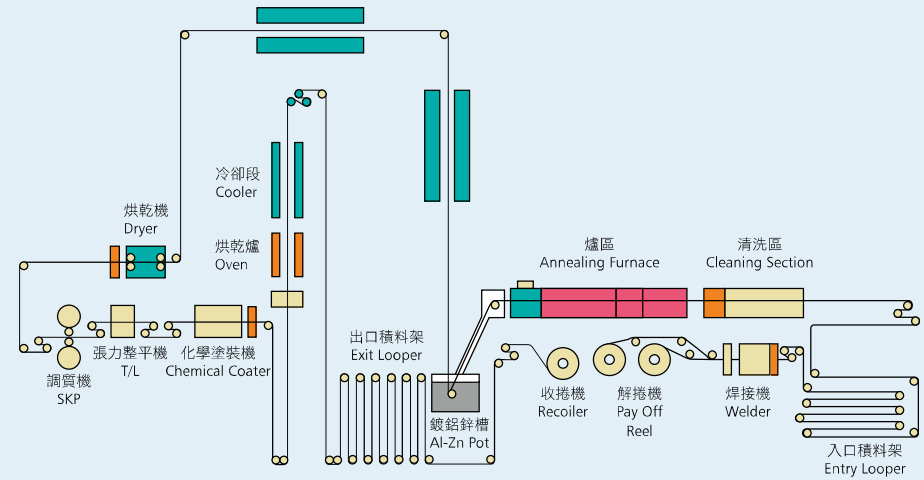
- 設備製造商(Equipment Manufacturer) : ANDRITZ(4-Hi Reversing Mill)
- 產能(Capacity) : 300,000 MT/ Yr





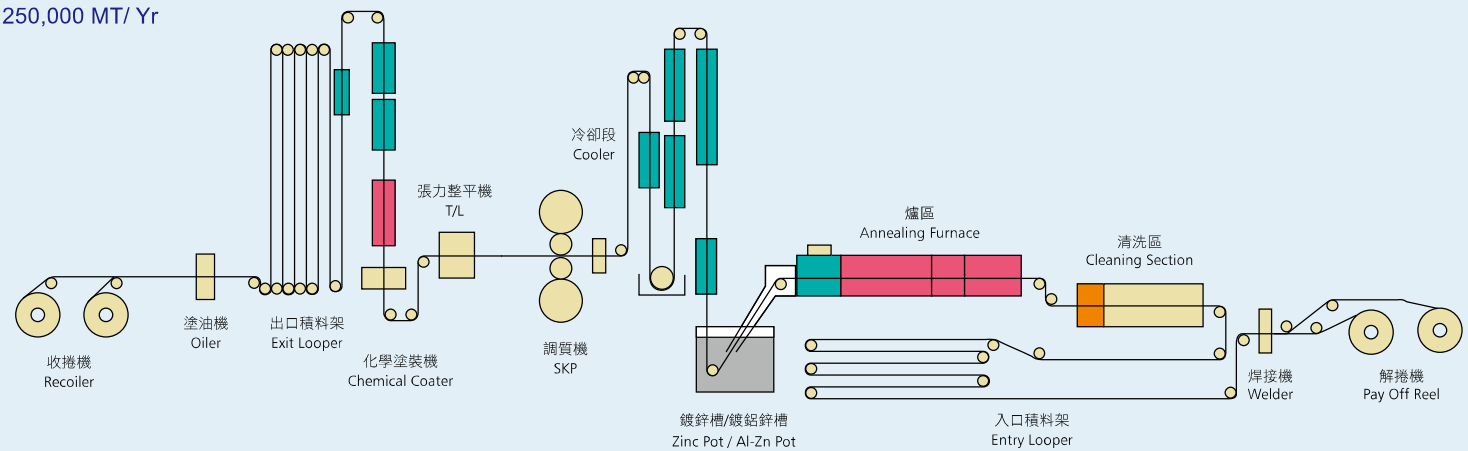
第一連續熱浸鍍55%鋁鋅線(CGL)
No.1 Continuous Hot-Dip
55% Al-Zn alloy-coated Line

- 設備製造商(Equipment Manufacturer) : KAWAHAN(Japan)
- 產能(Capacity) : 100,000 MT/ Yr



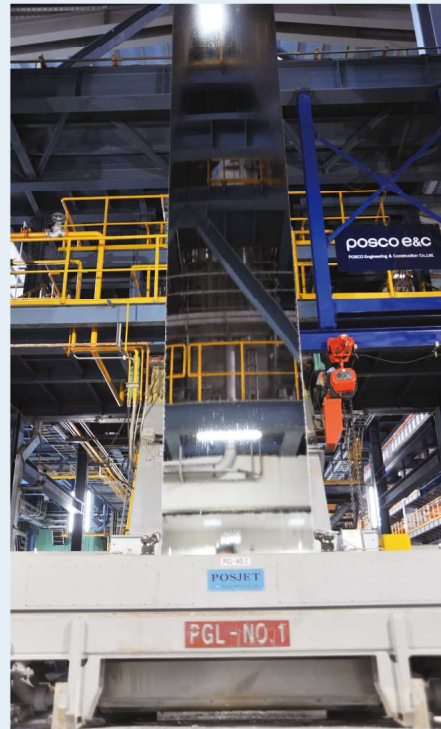
第二連續熱浸鍍鋅/鍍55%鋁鋅線(CGI/CGL)
No.2 Continuous Hot-Dip
Galvanizing and 55% Al-Zn alloy-coated Line

- 設備製造商(Equipment Manufacturer) : POSCO E&C(Korea)
- 產能(Capacity) : 250,000 MT/ Yr



第三連續酸洗熱浸鍍鋅線 (HGI)
No.3 Continuous Pickling and Hot Dip Galvanizing Line

- 設備製造商(Equipment Manufacturer):
POSCO E&C (Korea)
- 產能(Capacity):
400,000 MT/Yr



▲ 高效率連續酸洗段設備
High efficiency continuous pickling facility



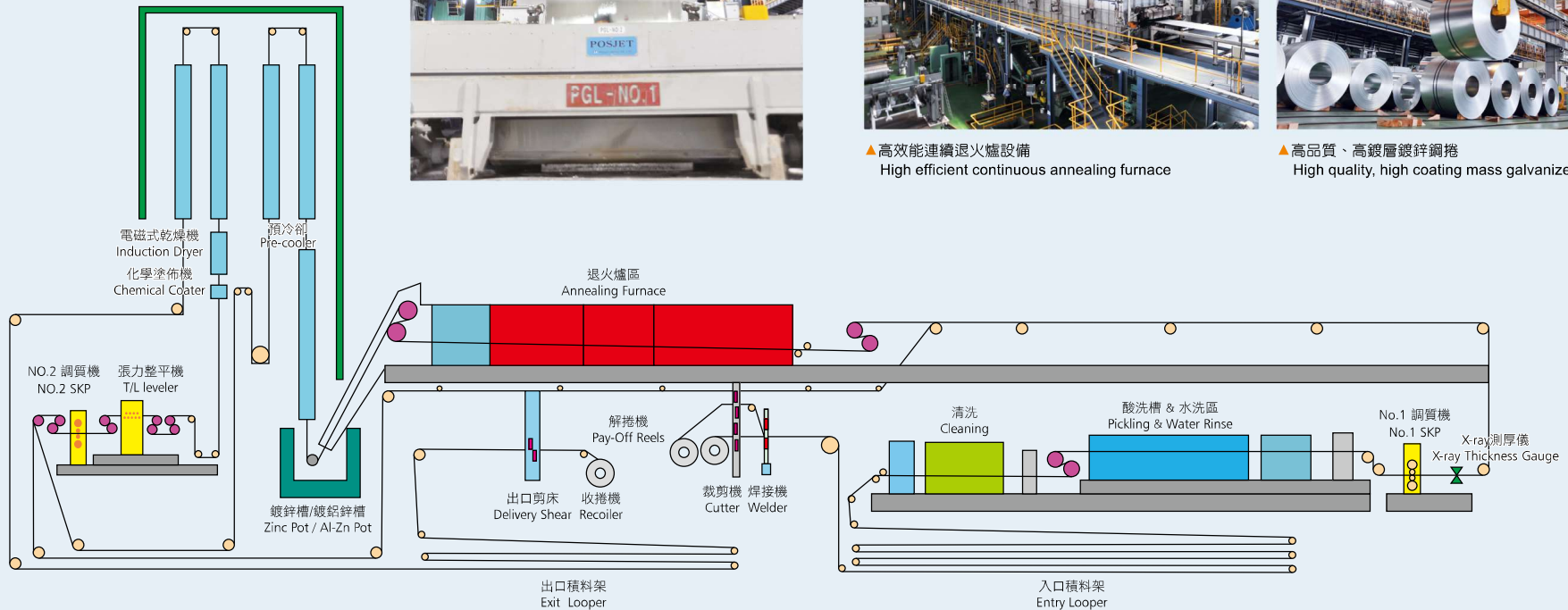
▲ 高張力整平、調質設備
Excellent tension, skin pass mill flatness facility



▲ 高效能連續退火爐設備
High efficient continuous annealing furnace



▲ 高品質、高鍍層鍍鋅鋼捲
High quality, high coating mass galvanized coils



第三連續酸洗熱浸鍍鋅線(HGI)產線特色

Features of Continuous Pickling and Hot-Dip Galvanizing Line

- 最新電腦化控制，採投入熱軋鋼捲、冷軋鋼捲連續酸洗、整平、退火、鍍鋅、表面處理一貫化自動，品質穩定，高產能的生產線。

It is operated by the latest controlling system, and has the capability to supply sufficient capacity and excellent quality to customers. Integrated manufacturing loop from hot-rolled/ cold-rolled material into pickling, flatten, annealing, galvanized, and surface treatment.

- 產線特別針對多樣化之產品設計，可生產尺寸分佈廣泛(板厚：0.8~4.5mm)，材質規格齊全(一般級、結構級、扣鎖成型級、高強度鋼、全硬板、深衝級..等)，滿足客戶不同用途的需求。

The line with distinguishing features to produce strip thickness from 0.8~4.5mm and various coils such as General Steel, Structural Steel, Lock Forming, High Strength Steel, Full Hard, Deep Drawing Steel, to satisfy customer's requests.

- 搭配雙調質整平機、高效能連續退火爐、自動化鍍鋅機、有效率的回饋控制系統，以生產高品質產品。

It is equipped by two Skin Pass Mill facilities, continuous annealing furnace, automatic coating machines, feedback control system to produce high quality products.



▲ 高產速連續酸洗、清洗、除銹設備
Continuous Pickling, Rinsing, Alkaline Facility



▲ 全自動高強度、高軋下率、調質整平設備
High Reduction rate, Automatic Skin Pass Mill Flatness Facility

產品用途(Applications)

- 結構工程及建築 Structural Engineering & Construction
C 型鋼、屋頂、門框、大樓結構樑、圍牆、建材零件。
Truss/ Roofing/ Door case/ Building beam/ Wall/ Building material.
- 交通運輸 Transportation
汽機車內構件、貨櫃隔板、道路指標、隔音牆、護欄、輸送帶主體、交通標誌。
Auto parts / Container partition / Path indicators/Soundproof wall/ Fences/ Conveyor frame / Traffic signal.
- 電器用品 Electrical Appliances
高級電器箱、開關盒、冷凍櫃、電器零配件、馬達蓋子、工具箱。
Electrical panel/ Switch panel/ Freezing chambers/Electrical components, Tooling box.
- 太陽能集板支架、煙囪管、販賣機、垃圾桶、公共建設、裝飾品
Solar energy plate frame/ Chimney/ Vending machines/ Trash can/ Public construction / Decoration.
- 傢俱、其他 Furniture & Others



▲ X-Ray高精密自動厚度偵測儀
High Precision X-Ray thickness gauge



▲ 高品質熱浸鍍鋅鋼捲，滿足客戶不同用途之需求
High quality galvanized coils to satisfy different applications and purpose

第一 3 塗 3 烤彩色烤漆線 (PPGI / PPGL)

No.1 3 Coating 3 Baking Pre-Painted Color Coating Line (PPGI / PPGL)

- 設備製造商 (Equipment Manufacturer): POSCO E&C (Korea)
- 產能 (Capacity): 120,000 MT/Yr



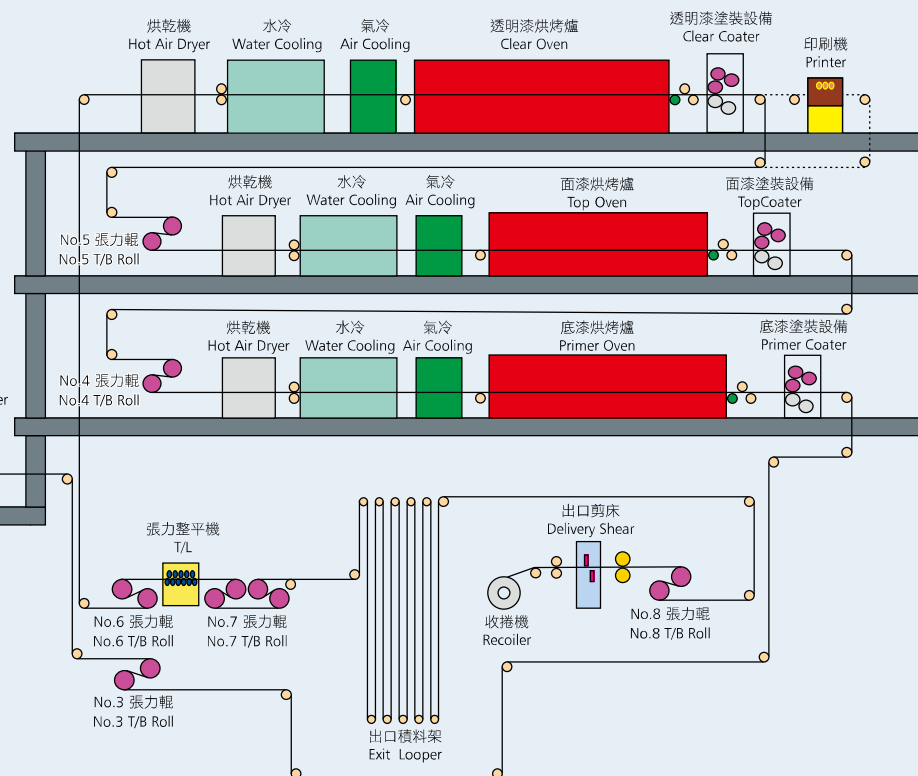
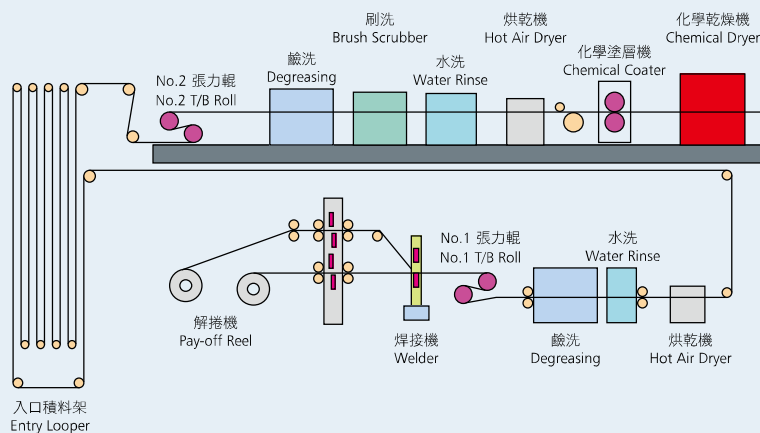
▲ 出口上下雙向收捲機
Exit Top/Bottom Tension Reel



▲ 產線出口全自動電腦控制監控系統
Auto-PC Monitoring System



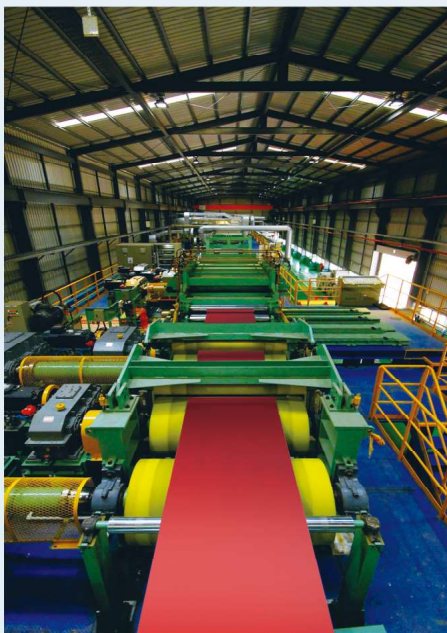
▲ 高品質彩色烤漆鋼捲
High Quality Color Prepainted Coil



第二彩色烤漆線 (PPGI / PPGL)

No.2 Pre-painted Color Coating Line (PPGI / PPGL)

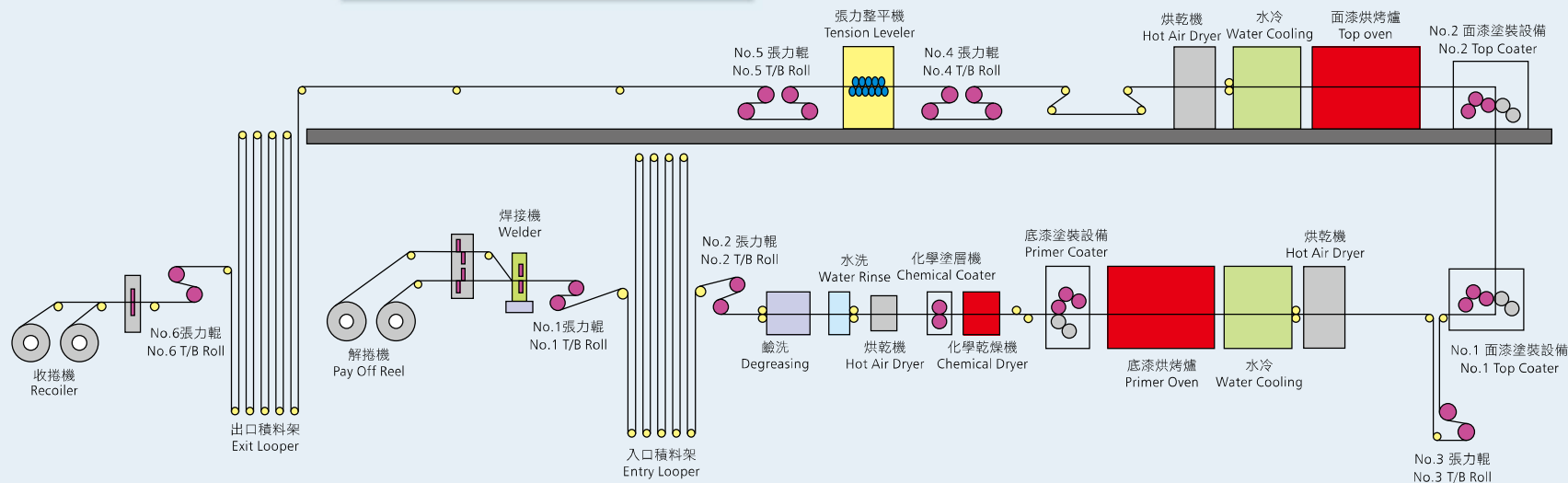
- 設備製造商 (Equipment Manufacturer):
NAWOO (Korea)
- 產能 (Capacity):
80,000 MT/Yr



▲ 高效能清洗設備
High efficient cleaning facility



▲ 全自動快速換漆設備
Automatic rapid paint transforming



3塗3烤彩色烤漆線 (PPGI/ PPGL) 產線特色

Features of 3 Coating 3 Baking Pre-Painted Color Coating Line

(1). 3塗3烤之連續性、自動化烤漆產線，也是全世界最先進之連續烤漆生產設備。

The 3 coating, 3 baking automatic continuous color coating production line is one of the most competitive prepainted lines in the world.

(2). 產線特別針對特殊高品質彩色鋼捲設計，例如高膜厚特殊鋼捲、自潔烤漆鋼捲、節能隔熱烤漆鋼捲、高耐候抗UV烤漆鋼捲、高品質家電烤漆鋼捲、高光澤透明漆裝飾鋼捲...等。

The line with distinguishing features to produce high quality color coils, such as special high film thickness coils, self cleaning coil, eco efficiency coil, high duration proof UV coil, high quality home electrical appliances prepainted coil, high gloss lacquer decoration, spangle texture, hammer paint(PCM coil) etc.

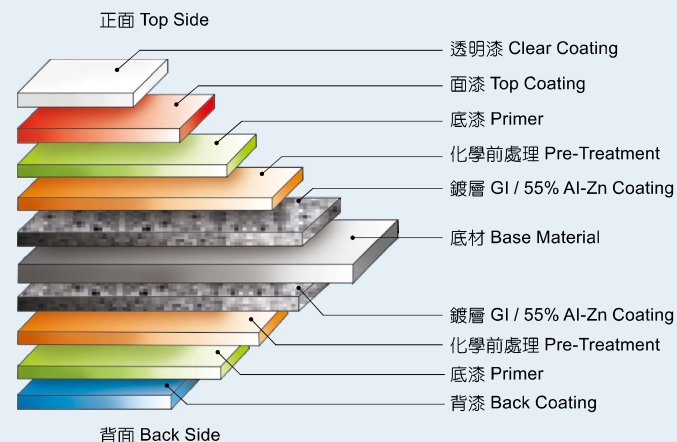
(3). 烤漆顏色搭配多樣化，可依客戶之需求選擇生產，產品具有優越之耐候性、耐腐蝕性。

It applies various colors for customers' demands. Excellent weather resistance, corrosion resistance.

烤漆層種類 (Types of Paint coating system)

產品名稱 Products	正面烤漆層 Top side paint layer		背面烤漆層 Back side
	底漆-Primer coated	面漆-Top coated	
聚酯樹脂彩色鋼捲 Polyester coated coil	聚氨基甲酸乙酯樹脂 底漆 / 高耐蝕環氧 樹脂底漆 Polyurethane primer (PU)/Epoxy	聚酯樹脂塗料 Regular polyester	環氧樹脂背漆 / 改良聚酯樹脂背漆 Epoxy / PE
矽化聚酯樹脂彩色鋼捲 Silicon modified Polyester coated coil		矽化聚酯樹脂塗料 Silicon modified polyester	
聚偏二氟乙烯聚酯樹脂 彩色鋼捲 P.V.D.F. coated coil		聚偏二氟乙烯聚 酯樹脂塗料 P.V.D.F.	
抗污節能聚酯樹脂彩色鋼捲 Self Cleaning & Eco efficiency polyester coated coil		改良強化聚酯樹脂塗料 Super modified polyester	

烤漆層剖面圖 (Section views of paint coated system)

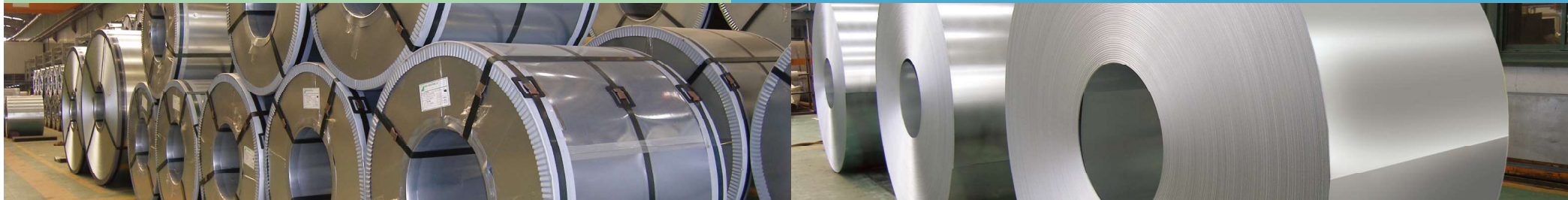


烤漆產品運用 (Applications)

節能 / 環保 / 耐污 / 抗菌 / 美觀

Eco Efficiency/Environmental Friendly/Self Cleaning/Anti Microbial/Exquisite





鍍鋅鋼捲(GI)/鍍55%鋁鋅鋼捲(GL)

Galvanized steel coils (GI) /55% Al-Zn alloy-coated Steel Coils (GL)

• 鍍鋅鋼捲 (GI) Galvanized steel coils (GI)

「鍍鋅鋼捲 (GI)」結構是由97%以上之鋅與0.3%以下之鋁在460℃溫度下固化而組成，鍍鋅鋼捲的其中一個特色是，鋅具犧牲保護作用，當表面被覆鋅層阻隔空氣的侵蝕，鋅可防止底材繼續腐蝕，延長底材的使用壽命。

鍍鋅鋼捲產品具有經濟性及多樣性之特色，可因應不同環境與不同用途之環境需求，提高產品使用之附加價值，在建築、3C產品、家用電器、烤漆及日常民生用品等產品上，都已普遍採用鍍鋅鋼捲。

The galvanized steel coil (GI) consists of at least 97% Zinc, with less than 0.3% Aluminum and solidified at 460℃ high temperature. One main feature of galvanized steel is its excellent corrosion resistance from sacrificial protection of the zinc. When the zinc layer on the surface isolates the steel sheet from atmosphere, it is able to prevent corrosion and keep long lasting life on the substrate.

Furthermore, the features of this products are economic, various, and fulfill different requirements and applications, providing high value-added. Lately, the galvanized steel sheets are commonly used in many fields such as architectures, 3C products, home electronic appliances, color coating and living goods, etc.

• 鍍55%鋁鋅鋼捲 (GL) 55% Al-Zn alloy-coated steel coils (GL)

鍍鋁鋅鋼板是高耐蝕性之新一代產品，又可稱為 Galvalume，表面擁有鑽石般之鋅花，「鍍55%鋁鋅鋼捲 (GL)」之鋁鋅合金鍍層是由55%鋁、43.4%鋅與1.6%矽在602℃高溫下固化而組成，其整個結構由鋁鋅矽合金，形成多元緻密結晶體，此鍍層在鋼板上形成一層保護屏障，因而有效防止環境中腐蝕因子之穿透，對鋼材形成絕佳的防蝕保護，其產品也廣泛應用於各種領域上及滿足不同用途、環境耐蝕性之要求，也廣泛使用於烤漆產品之底材，在鍍鋁鋅 (GL) 鋼板會塗覆不同之表面處理劑，其種類和特性如下：

Al-Zn alloy-coated steel sheet has high corrosion resistance. It is also named Galvalume. The surface is formed with diamond look spangles. 55% Al-Zn alloy-coated steel coils (GL) consists of 55% Aluminum, 43.4% Zinc, and 1.6% silicon, solidified at high temperature of 602℃. Its structure is compound by Al-Fe-Si-Zn, and become a protection layer to prevent corrosive penetration. Galvalume steel sheets are commonly used in different fields, applications, corrosion resistance, and pre-painted products as well. In the following table, it shows the classifications and features of Galvalume steel surface treatment.

• 表面處理特性及種類

Surface Treatment and Classifications

表面處理 Surface treatment	種類 Classification	耐蝕性 Corrosion resistance	鹽霧試驗 (SST) Salt spray test	防銹特性 Anti-rust feature	備註 Remarks
鉻酸 Chromated acid	水性 Water Base	佳 Better	24~60hrs	中期防銹 Mid term	鉻系 Chromated
塗油 Oiled	脂類 Resin	低 Low	2~4hrs	短期防銹 Short term	非鉻系 Non-Chromated
鉻酸+塗油 Chromated Acid+ Oiled	混合型 Mixture	中 Mid.	24~60hrs	中期防銹 Mid term	鉻系 Chromated
抗指紋劑 Anti-fingerprint treatment	水性 Water Base	高 High	300~500hrs	中、長期防銹 Mid/ Long term 潤滑性、抗指紋 Lubrication, Anti-fingerprint	鉻系 Chromated 非鉻系 Non-Chromated
鈍化處理 Passivated treatment	水性 Water Base	中 Mid.	24~48hrs	中期防銹 Mid term 耐高溫、不黃化 High Temperature resistance, Non Yellowing	鉻系 Chromated

備註(Remarks)：

1. 以上鹽霧試驗之時數會隨著塗層厚度改變，非固定值。
2. 鋼板表面處理之特性，會依不同環境而改變，詳細之特性，若有疑問請進一步與營業部門接洽詢問。

1. The SST test hours are changeable depends on the coating mass, not fixed.
2. Surface characteristics will be changed due to different environmental conditions. Please inquire or contact our sales representatives for further information.

特性 Characteristic

• 耐腐蝕性 Corrosion Resistance

「鍍鋅鋼捲(GI)」的耐腐蝕性來自鍍層之犧牲保護功能，而「鍍55%鋁鋅鋼捲(GL)」的耐腐蝕性來自鍍層鋁的障礙層保護功能，和鋅之犧牲保護功能。經過多年的戶外曝曬試驗，證實鍍55%鋁鋅鋼板在各種不同環境下的保護功能，比鍍鋅鋼板有更好的耐腐蝕性。

The GI corrosion resistance is derived from Zinc sacrificial protection. Then, the GL corrosion resistance is from the Aluminum barrier protection, and Zinc sacrificial protection. Through outdoor exposure tests in various atmospheric environment for 55% Al-Zn alloy-coated steel coils, the result proved its protection is better than the galvanized steel sheet.

• 各種抗指紋鋼板經過鹽霧試驗(SST)72小時後外觀
Different Anti-Fingerprint steel sheet appearances after applied SST test 72 hours



▲ 電鍍鋅(EG)

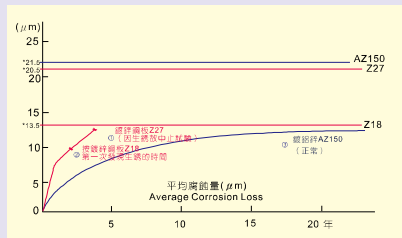
1. GL試片之白銹面積最少，代表有較佳之耐蝕性。
2. 以上試片塗覆非銻系之抗指紋藥劑。
3. 試片之表面處理膜厚、鍍層量接近。

▲ 鍍鋅(GI)

1. Little white rust on GL sample, means good rust resistance.
2. These samples coated Non-Chromated/ Anti-fingerprint solution.
3. These samples have similar film thickness, coating mass.

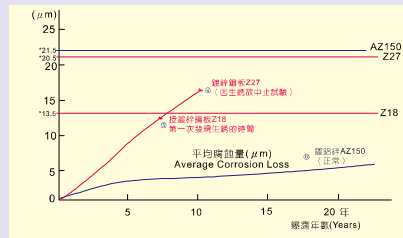
▲ 鍍鋁鋅(GL)

• 在海岸地區 (Quoted: Marine: 25m Kure Beach N.C. USA)



- ① Galvanized Z27 Red Rust After 4 Years
- ② Galvanized Z18 Estimated Time to First Red Rust Galvalume Az150
- ③ No Red Rust

• 在工業地區 (Quoted: Industrial- Bethlehem P.A. USA)



- ④ Galvanized Z27 Red Rust After 10 Years
- ⑤ Galvanized Z18 Estimated Time to First Red Rust
- ⑥ Galvalume Az150 No Red Rust

• 每邊平均鍍層厚度 Average Coating Thickness Per Side

• 耐熱性及反射性 Heat Resistance / Heat Transmission and Reflectivity

鋁具有良好之散熱性及熱反射性，運用於建材上，可以減少熱能，降低屋內之溫度，是一種節能環保建材，鍍55%鋁鋅產品之耐熱性較鍍鋅產品更佳，這與鍍鋁層抗高溫氧化之特性有關。所以鍍鋁鋅產品可使用在達300°C以上之高溫環境。

Aluminum has excellent heat reflectivity properties, and is commonly used in architectures materials. It can be used to reduce the heat energy, regulate the room temperature. It is a energy-saving, environmentally friendly material. 55% Al-Zn alloy-coated steel products have better resistance to high temperature than galvanized products with regarding to its oxidation features. Therefore, 55% Al-Zn alloy-coated steel products can be used in a temperature up to 300°C.

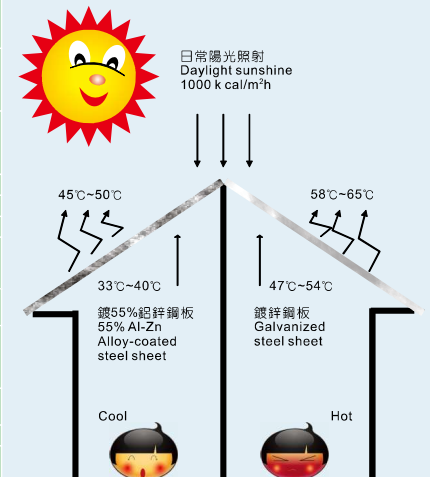
• 輕量化 Weight-saving

鋁的比重約3.69g/cm³，鋅的比重約7.13g/cm³，相同之基材和鍍層量，鍍鋁鋅鋼捲與鍍鋅鋼捲比較，長度約可增加1~3%。(實際數據可能會有微誤差，但均在可允許之公差範圍內)

The Aluminum specific gravity is about 3.69g/cm³, and the Zinc is about 7.13g/cm³. To make a comparison between Galvalume and galvanized steel coils based on the same substrate and coating weight terms, the length of 55% Al-Zn alloy-coated steel coils is longer 1~3% than Galvanized coil. (Minor differences is acceptable)

• 鍍55%鋁鋅&鍍鋅產品特色、比較表
Comparison Table of GL / GI

產品別 Products	GI	GL
規格比較 Comparison of specification	JIS 3302 - AS1397 ASTM A653(M) En10326 - 10327 - 10142 - 10147	JIS 3321 - AS1397 ASTM A792(M) En10326 - 10327 - 10215
成份 Composition	Zn ≥ 97% Al ≤ 0.30% Si ≤ 0.8%	Zn: 41%~43% Al: 50%~55% Si: 1.0~2.0%
保護機制 Protection mechanism	Zn: 犧牲保護 Zn: Sacrificial protection	Zn: 犧牲保護 Al: 障礙層保護 Al: Barrier protection
耐腐蝕性 Corrosion resistance 鹽霧試驗 SST: Salt spray test	1	1: 2~5
耐熱性 Heat resistance	220°C	300~350°C
熱反射性 Reflectivity	30~46%	65~75%
焊接性 welding ability	鋅煙多 Zn smoke	鋅煙少 Less Zn
成型彎曲性 Forming & bending ability	易產生龜裂 cracks easily(Note1)	鋁成份高、彎曲成型性佳 (較優) High Al- Proportion/ Good Bending ability (better)
耐潮濕性、耐酸性 Humidity & acid resistance	1	1: 5~6
適用環境 Application	適用剪裁、加工、塗裝之平板產品 The steel products in Cutting, machining, coating	適用於各種不同環境需使用 In various different environments
重量 & 長度 Weight & length	1	1: 3%
比重 Specific gravity	7.13(g/cm ³)	3.69(g/cm ³)
生產溫度 Production temperature	約460°C About 460°C	約600°C About 600°C



酸洗製品規範表

Production Table For Push Pickling Line

規格種類 Specification		製造厚度(mm) Production thickness	製造寬度(mm) Production width	修邊寬度(mm) Trimmed size
JIS	ASTM			
(G3131) SPHC	A568(M) SAE1006 ~ SAE1022	(一)不修邊 Mill Edge 1.3~4.5	600 ~ 1575	最小單邊 6mm以上 Minimum size at a single side/ 6mm
(G4051) S10C	A1011(M)CS typeA,B,C,D			
S12C	A1011(M)SS Gr.30(205)	(二)修邊 Trimmed Edge 1.5~4.0	600 ~ 1575	最大單邊 50mm Maximum size at a single side/ 50mm
S15C	A1011(M)SS Gr.33(230)			
S17C	A1011(M)SS Gr.36(250) type 1			
S20C	A1011(M)SS Gr.36(250) type 2			
S22C	A1011(M)SS Gr.40(275)			
	A1011(M)SS Gr.45(310)			
	A1011(M)SS Gr.50(380)			
備註 Remark		<p>(1) 尺寸、厚度、寬度、平坦度 ...等之公差容許範圍，依 JIS G3131、JIS G4051、ASTM A568 (M) 之要求。</p> <p>(2) 入料端鋼捲內徑為 610\762 mm；出料端鋼捲內徑為 610 mm；外徑容許值為1000~2000 mm；鋼捲單重為 5 ~ 30 tons。</p> <p>(3) 修邊或不修邊必須標註於訂單。</p> <p>(4) 酸洗製品分為塗油及不必塗油，若無特別指定，一般依酸洗線常態設定值。</p> <p>(5) 若首次接單之規格，請以小量測試訂單試產50噸以下為原則。</p> <p>(1) The tolerance range of thickness, width, flatness and so on must meet JIS G3131, JIS G4051, ASTM A568 (M) requirements.</p> <p>(2) Entry side (I.D): Either 610mm or 762mm. Delivery side (I.D): 610mm. Tolerance (O.D): 1000~2000mm. Weight(Single Coil): 5~30 tons.</p> <p>(3) Please notify mill edge or trimmed edge.</p> <p>(4) Please notify oiled or not. If no special requirements, the products will be conducted as standard PPL conditions.</p> <p>(5) It is recommended to place a running test order as a first order. (Q'ty: less than 50 tons)</p>		

冷軋製品規範表 Production Table of Cold Rolling Mill

規格種類 Specification	製造厚度(mm) Production thickness	製造寬度(mm) Production width	備註 Remark																																																												
JIS-G3141 SPCC-1B	0.2 ≤ T ≤ 2.5	800 ≤ W ≤ 1600	特殊尺寸要求時需個案討論 Case discussion is required for special size requirements																																																												
備註 Remark	<p>說明：(1) 鋼捲 內徑：508/610mm 外徑：2000mm(Max) (2) 鋼捲單重：5~25噸</p> <p>1.管制範圍 1-1厚度公差(軋下率>30%)：</p> <table border="1"> <tr> <td>厚度範圍(mm)</td> <td>≤0.39</td> <td>0.40~0.59</td> <td>0.60~0.99</td> <td>1.00~1.24</td> <td>1.25~1.59</td> <td>≥1.60</td> </tr> <tr> <td>公差(mm)</td> <td>±0.02</td> <td>±0.025</td> <td>±0.03</td> <td>±0.04</td> <td>±0.05</td> <td>1 / 2 JIS</td> </tr> </table> <p>說明：厚度公差依國際規範之標準。</p> <p>1-2 修邊料寬度公差：+7mm，-0mm。</p> <p>1-3 平坦度：</p> <table border="1"> <tr> <td>寬度(mm)</td> <td>全波(mm)</td> <td>邊波(mm)</td> <td>中波(mm)</td> </tr> <tr> <td>≤999</td> <td>12 Max</td> <td>8 Max</td> <td>6 Max</td> </tr> <tr> <td>1000~1249</td> <td>15 Max</td> <td>9 Max</td> <td>8 Max</td> </tr> <tr> <td>1250~1600</td> <td>15 Max</td> <td>11 Max</td> <td>8 Max</td> </tr> </table> <p>1-4 弧形度：長2 m，2 mm Max。</p> <p>1-5 其餘比照JIS G3141規範。</p> <p>1-6 不在此接單規範內之產品，依客戶需求個案討論。</p> <p>Notes：(1)Steel Coil Diameter: I.D：508/610mm O.D：2000mm(Max) (2)Unit coil weight: 5~25 tons</p> <p>1.Limited scope 1-1 Thickness tolerance (Reduction ratio >30%):</p> <table border="1"> <tr> <td>Range of Thickness(mm)</td> <td>≤0.39</td> <td>0.40~0.59</td> <td>0.60~0.99</td> <td>1.00~1.24</td> <td>1.25~1.59</td> <td>≥1.60</td> </tr> <tr> <td>Tolerance(mm)</td> <td>±0.02</td> <td>±0.025</td> <td>±0.03</td> <td>±0.04</td> <td>±0.05</td> <td>1 / 2 JIS</td> </tr> </table> <p>Notes：Thickness tolerance：based on the international norms.</p> <p>1-2 The width tolerance of trimmed edge: +7mm，-0mm</p> <p>1-3 Flatness:</p> <table border="1"> <tr> <td>Width(mm)</td> <td>Full wave(mm)</td> <td>Edge wave(mm)</td> <td>Center wave(mm)</td> </tr> <tr> <td>≤999</td> <td>12 Max</td> <td>8 Max</td> <td>6 Max</td> </tr> <tr> <td>1000~1249</td> <td>15 Max</td> <td>9 Max</td> <td>8 Max</td> </tr> <tr> <td>1250~1300</td> <td>15 Max</td> <td>11 Max</td> <td>8 Max</td> </tr> </table> <p>1-4 Camber: Length 2 m，2 mm Max</p> <p>1-5 Except the above items, other products are according to JISG3141 standard.</p> <p>1-6 The product which is not on the above table will be handled as a special case.</p>			厚度範圍(mm)	≤0.39	0.40~0.59	0.60~0.99	1.00~1.24	1.25~1.59	≥1.60	公差(mm)	±0.02	±0.025	±0.03	±0.04	±0.05	1 / 2 JIS	寬度(mm)	全波(mm)	邊波(mm)	中波(mm)	≤999	12 Max	8 Max	6 Max	1000~1249	15 Max	9 Max	8 Max	1250~1600	15 Max	11 Max	8 Max	Range of Thickness(mm)	≤0.39	0.40~0.59	0.60~0.99	1.00~1.24	1.25~1.59	≥1.60	Tolerance(mm)	±0.02	±0.025	±0.03	±0.04	±0.05	1 / 2 JIS	Width(mm)	Full wave(mm)	Edge wave(mm)	Center wave(mm)	≤999	12 Max	8 Max	6 Max	1000~1249	15 Max	9 Max	8 Max	1250~1300	15 Max	11 Max	8 Max
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連續鍍鋅/鍍55%鋁鋅製品規範表 Production Table For Continuous Hot-Dip Galvanizing and 55% Al-Zn Alloy-coated Line

連續酸洗熱浸鍍鋅製品規範表 Production Table For Continuous Pickling and Hot-Dip Galvanizing Line

連續鍍鋅/鍍55%鋁鋅(CGI、CGL)製品規範表
Production Table For Continuous Galvanizing and 55% Al-Zn Alloy-coated Line

連續酸洗熱浸鍍鋅(HGI)製品規範表
Production Table For Continuous Pickling and Hot-Dip Galvanizing Line

規格種類 Specification				製造厚度(mm) Production thickness	製造寬度(mm) Production width	用途 Material Grade
JIS	ASTM	EN	AS			
G3302 G3321	A653(M) A792(M)	10346	1397	0.15 ≤ T ≤ 1.55	600 ≤ W ≤ 1250	一般、成型用 CS (Commercial Steel) CQ (Commercial Quality) FS (Forming Steel)
SGCC SGLCC	CS(A、B、C) FS(A、B)	DX51D	G1			
SGC340 ---	SS33 (230) SS37 (255)	S220GD S250GD	G250	0.25 ≤ T ≤ 1.55		結構用 SS (Structural Steel) SQ (Structural Quality)
SGC400 SGLC400	SS40 (275)	S280GD	G300			
SGC440 SGLC440	SS50 (340)	S320GD S350GD	G350			
SGC490 SGLC490	SS55 (380) SS60 (410) SS70 (480)	S390GD S420GD S450GD	G450 G500			
SGCH SGC570 SGLC570	SS80 (550)	S550GD	G550			全硬板 FH (Full Hard)
SGCD1 SGLGD	DDS Type A DS	DX52D	G3	0.40 ≤ T ≤ 1.55		深衝級用 (Deep Drawing)
鍍層量 Coating Mass	JIS		ASTM	EN		AS
	Z08~Z35		G30~G115(英制: B) Z80~Z350(公制: M)	Z80~Z350		Z80~Z350
表面修整 Surface Finish	(1) Zero(GI) / Regular(GL) Spangle : 以公司生產之一般常態樣品為準。					
	AZ050~AZ185		AZ30~AZ60 (英制: B) AZM100~AZM180 (公制: M)	AZ100~AZ185	AZ100~AZ200	
表面處理 Surface Treatment	(1) 鉻酸 Chromated Treatment (2) 抗指紋(無鉻或有鉻) Anti-finger Treatment(Cr free or Cr) (3) 塗油 Oiled (4) 鉻酸+塗油 Chromated Treatment + Oiled (5) 無鉻鈍化 Passivated Treatment(Cr free) (6) 有色抗指紋(無鉻或有鉻) Color Anti-finger Treatment(Cr free or Cr)					

- (1) 鋼捲內徑為 508 或 610mm
 (2) 鋼鐵套筒使用規定:
 a. 外銷鋼捲厚度低於0.3mm以下, 使用3.2mm鋼鐵套筒。
 b. 外銷鋼捲不分切產品(重量大於10噸以上)且厚度低於0.3mm以下, 使用5.0mm鋼鐵套筒。
 c. 內銷鋼捲底材厚度0.28mm使用鐵套筒, 若有分切時, 可使用紙套筒替代。
 (3) 若客戶於規範外要求加紙套筒或鐵套筒需個別詢問。
 (1) Coil I.D: Either 508mm or 610mm
 (2) Steel sleeve usage:
 a. Coils for export use (thickness ≤ 0.3mm), use 3.2mm steel sleeve.
 b. Coils for export use (thickness ≤ 0.3mm, non-cut, weight > 10 tons), use 5mm steel sleeve.
 c. Coils for domestic use (Substrate thickness ≤ 0.28mm), use steel sleeve. For cut coil, use paper sleeve.
 (3) Please inquiry if need to apply paper sleeve or steel sleeve.

規格種類 Specification				製造厚度(mm) Production thickness	製造寬度(mm) Production width	用途 Material Grade	
JIS	ASTM	EN	AS				
G3302	A653(M)	10346	1397	投入原料種類: 熱軋板-HGI ① 1.5 ≤ T ≤ 4.5 冷軋板-CGI ② 0.7 ≤ T ≤ 2.5	800 ≤ W ≤ 1560	一般、成型用 CS (Commercial Steel) CQ (Commercial Quality) FS (Forming Steel)	
SGHC	CS(A、B、C) FS(A、B)	DX51D	G1				
SGH340	SS33(230) SS37(255)	S220GD S250GD	G250				
SGH400	SS40(275)	S280GD	G300				
SGH440	SS50(340)	S320GD S350GD	G350				
SGH490 SGH540	SS55 (380) SS60 (410) SS70 (480)	S390GD S420GD S450GD	G450 G500				
---	SS80(550)	S550GD	G550			全硬板 (Full Hard)	
SGCD	DDS Type A DS	DX52D	G3			冷軋板-CGI 0.7 ≤ T ≤ 2.5	深衝級用 (Drawing Quality)
鍍層量 Coating Mass	JIS		ASTM			EN	AS
	Z08~Z60		G30~G210(英制: B) Z90~Z600(公制: N)			Z100~Z600	Z100~Z600
表面修整 Surface Finish	(1)HGI: Zero & Regular Spangle : 以公司生產之一般常態樣品為準。						
表面處理 Surface Treatment	(1) 鉻酸 Chromated Treatment (2) 抗指紋(無鉻或有鉻) Anti-finger Treatment(Cr free or Cr) (3) 塗油 Oiled (4) 鉻酸+塗油 Chromated Treatment + Oiled (5) 無鉻鈍化 Passivated Treatment(Cr free) (6) 有色抗指紋(無鉻或有鉻) Color Anti-finger Treatment(Cr free or Cr)						

- (1) 出口鋼捲內徑為 610 或 762 mm ; 外徑最大容許值為 2000 mm ; 鋼捲單重為 5 ~ 30 噸。
 (2) 不在上述範圍之產品: 如尺寸、鍍層、規格等, 請以個案諮詢, 專案開發方式討論進行。
 (1) Coil I.D: Either 610mm or 762mm, O.D(Max.): 2000mm, Weight(Single coil): 5~30 tons.
 (2) The product is not on the above table will be handled as a special case.

彩色烤漆 (PPGI / PPGL) 製品規範表

Production Table For Pre-Painted Color Coating Line

規格種類 Specification				製造厚度 (mm) Production thickness	製造寬度 (mm) Production width	用途 Material Grade
JIS	ASTM	EN	AS			
G3312 G3322	A755(M)	10169	2728	0.16 ≤ T ≤ 1.00	700 ≤ W ≤ 1250	一般、成型用 CS (Commercial Steel) CQ (Commercial Quality) FS (Forming Steel)
CGCC CGLCC	CS(A、B、C) FS(A、B)	DX51D	G1			
CGC340 ---	SS33(230) SS37(255)	S220GD S250GD	G250			
CGC400 CGLC400	SS40(275)	S280GD	G300			結構用 SS (Structural Steel) SQ (Structural Quality)
CGC 440 CGLC440	SS50(340)	S320GD S350GD	G350			
CGC 490 CGLC490	SS55 (380) SS60 (410) SS70 (480)	S390GD S420GD S450GD	G450 G500			
CGC 570 CGLC570	SS80(550)	S550GD	G550			
CGCD1 CGLCD	DDS Type A DS	DX52D	G3	0.40 ≤ T ≤ 1.00	深衝級用 (Deep Drawing)	
塗裝膜厚 Coating Thickness	(1) 正面漆一道塗裝最大膜厚 65 μ (Primer+Top Max Coating Thickness 1pass) (2) 背面漆一道塗裝最大膜厚 40 μ (Primer+Back Max Coating Thickness 1pass)					
塗料種類 Paint Type	(1)PE : (2)PU : (3)SMP : (4)PVDF : (5)EPOXY					

備註
Remark

- (1) 厚度、寬度、平坦度 等之公差容許範圍，依 JIS G 3312/G3322、ASTM A924(M)、EN 10169 及 AS 2728 之要求。
 - (2) 鋼捲內徑 (Inner dia.) 為 508 或 610mm；最大鋼捲單重 (Weight Max.) 為 8 tons。
 - (3) 鋼 / 紙套筒使用規定：
 - a. 外銷 coil 厚度低於 0.3mm 以下，使用 4mm 鋼套筒 (Sleeve) 或 25mm 紙套筒。
 - b. 內銷 coil 厚度 ≤ 0.28 使用鐵套筒，若有分切時，可使用 6mm 紙套筒替代。
 - (4) 若客戶於規範外要求加紙套筒或鐵套筒需個別詢問。
 - (5) 不在上述範圍之產品：如尺寸、鍍層、規格等，請以個案諮詢，專案開發方式討論進行。
 - (6) 一般常態樣品：指生產單位討論決議後，所提供之樣品。
-
- (1) The tolerance range of thickness, width, flatness and ...etc must meet JIS G3312/G3322, ASTM A924(M), EN10169 and AS 2728 requirements.
 - (2) Coil I.D: Either 508mm or 610mm, Weight(Single coil): 8 tons.
 - (3) Steel sleeve usage:
 - a. Coils for export use (thickness ≤ 0.3mm), use 4mm steel sleeve or 25mm paper sleeve.
 - b. Coils for domestic use (Substrate thickness ≤ 0.28mm), use steel sleeve. For cutted coil, use 6mm paper sleeve.
 - (4) Please inquiry if need to apply paper sleeve or steel sleeve.
 - (5) The product is not on the above table will be handled as a special case.
 - (6) General sample: Defined as a sample which provided by production Dept.

鋼捲裁剪、分條製品規範表
Production Table For Cutting / Slitting

設備名稱 Equipment Name	厚度範圍 (mm) Thickness Range	寬度範圍 (mm) Width Range
2.3×1700 自動分條機 Auto slitter machine	0.25~2.3	500~1700
6.0×1600 自動分條機 Auto slitter machine	1.8~6.0	750~1550

承製材質 Material	備註 Remark	修邊單側預留毛料 (mm) Single side/ Trimmed sized	
冷軋CR 鍍鋅 CGI 電鍍鋅 EG 酸洗板 P/O	(1)t 0.8×35 mm c (2)t 1.0×27mm c (3)t 1.6×18mm c (4)t 2.3× 9mm c	0.25~2.3	Min 3.0
熱軋鋼捲 HR 熱軋鍍鋅鋼捲 HGI 酸洗 / 塗油板 P/O	(1) t 2.3×20 mm c (2) t 3.0×15 mm c (3) t 5.0× 7 mm c (4) t 6.0× 5 mm c	Min 3.0	



▲全自動裁板機
Automatic cutting machine



▲高精準修邊分條機
High precision slitting machine

裕鐵企業鍍製鋼板耐候性、附著性及成型性優良，適用於資訊業、建築、電器用品、型鋼、汽機車零件、機械、五金等用途，並可為烤漆鋼板之底材，符合客戶各種不同之需求，用途廣泛。

PTEC's products have excellent weather proof, good adhesiveness and formability. These products are able to apply in IT industry, construction, electrical appliances, beam, vehicle parts, machinery, hardware, and substrate for Prepainted plate.

項目 NO.	用途別 Applications	範例 Example
1	建築材料 Construction	鐵捲門、樓層板、天花板、倉庫、屋頂、隔間、T-Bar、型鋼等。 Shutter/Deck/Ceilings/Warehouse/Roofing/T-Bar, Beam, etc.
2	電器用品 Electrical Appliances	冷氣機、電冰箱、微波爐、CD/DVD錄放影機、除濕機、電風扇等電器用品。 Air conditioner/Refrigerator/Microwave oven/CD,DVD player/Dehumidifier/fan/Other home appliance, etc.
3	傢俱五金用品 Furniture & Hardware	傢俱、辦公設備、工具箱、圓(提)桶、設備內部零件等。 Furniture/Office equipment/Toolbox/Pail/Internal parts of equipment, etc.
4	資訊用品 Computer's Applications	電腦外殼、影印機、印表機、掃描機等。 Computer case/Copy machine/Printer/Scanner, etc.
5	生活用品 Living Goods	鐵製文具、熱水器、瓦斯爐等 Iron of stationery/Water heater /Gas stove, etc.
6	運輸相關 Transportation	欄杆、汽車零件、船舶配板、隔音牆、道路指標等 Railings/Auto parts/ Shipping/Boats / Soundproof wall /Path indicators, etc.
7	一般用及其他 Others	自動販賣機、農業用品等。 Vending machine/Agricultural appliance, etc.

實驗室檢測儀器 Inspection Equipments



▲化學檢驗
Chemical inspection

裕鐵企業為了持續不斷提供最好的產品給顧客，因此，積極投入許多先進精密試驗設備有效管控製程及強化公司品質管理制度；進而實踐對客戶的承諾，並提供良好的售後服務。

Prosperity Tieh has been invested many precision testing instruments not only to offer the best products to customer constantly but strive for quality control and inspection procedure. We objects to fulfill customer's requests and provides excellent after-sales service.



▲電腦伺服萬能材料試驗機
Computer Sever Universal Material Testing Machine
廠牌(Brand)：陽屹



▲金相顯微鏡
Metallurgical microscope
廠牌(Brand)：OLYMPUS



▲分光儀
Spark analyzer
廠牌(Brand)：SPECTRO



▲折腰試驗機
Bending test machine
廠牌(Brand)：商寶機械



▲鹽水噴霧試驗機
Salt Spray Tester
廠牌(Brand)：台灣中澤
Taiwan Nakazawa



▲紫外光耐候試驗機
QUV
廠牌(Brand)：Q-Lab (Spray)



▲油品檢測機
Oil Testing Machine
廠牌(Brand)：HYDAC



▲色差計
Colorimeter
廠牌(Brand)：Datacolor 600



▲溼潤試驗機
Humidity Resistance Tester
廠牌(Brand)：壬大



▲衝擊試驗機
Impact test machine
廠牌(Brand)：弘達儀器
Hung Ta



▲彎曲試驗機
Bending test machine
廠牌(Brand)：商寶機械



▲硬度試驗機
Hardness test machine
廠牌(Brand)：台灣中澤
Taiwan Nakazawa

FPC(Factory Production Control) 新加坡工廠流程控制認證



ISO-45001 職業安全衛生管理系統認證



ISO-14001 環境管理系統認證



EN CIII (Corrosion Protection Category III) 歐洲防腐等級C3產品認證



CNS(National Standards of the Republic of China) 國家標檢局正字標記認證



JIS(Japanese Industrial Standards) 日本工業國家產品認證

SNI(Indonesian National Standard) 印尼國家標準認證



ISO-9001 ISO品質管理系統認證

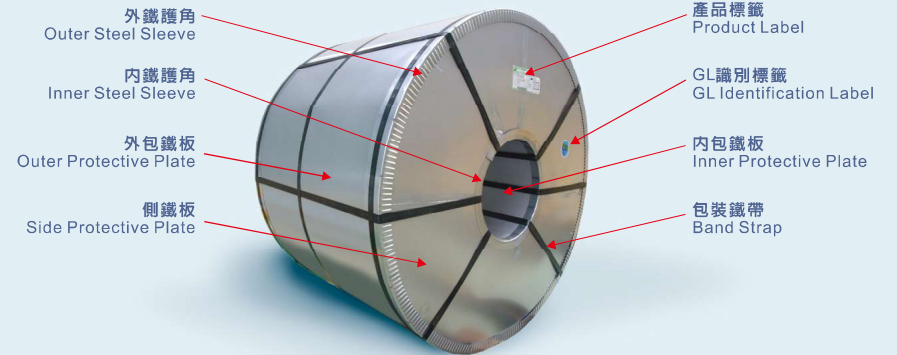


MS(Malaysian Standard) 馬來西亞國家標準認證

TAF(Taiwan Accreditation Foundation) 國家實驗室認證

裕鐵企業所有產品於出廠時，均依客戶要求標準或內訂出貨標準予以包裝，以降低儲運所可能造成之損壞。產品上並加註明顯標識以辨別該產品之身份及相關資料。

In order to reduce damages during handling and storage, all products are packed in accordance to customers' requirements or Prosperity Tieh standard packing methods. All identification can be found on the labels.



外銷標準包裝範例 Standard Packing For Overseas Markets



內銷標準包裝範例 Standard Packing For Domestic Markets



直立式包裝標準範例 Standard Packing For Vertical Coil



標籤範例 Labeling Example



熱浸鍍55%鋁鋅 / 鍍鋅鋼捲 (GL/GI) 訂購須知：

Notices for Hot-Dip 55% Al-Zn alloy-coated and Galvanized steel coil：

項目 NO.	訂購需提供資料 Information	範例 Example
1	品名 Description	熱浸鍍55%鋁鋅鋼捲(GL) Hot-Dip 55% Al-Zn Alloy-Coated Steel Coil
2	規格標示 Specification Designation (JIS,ASTM,EN or others)	JIS G3321 SGLCC
3	表面銜花 Spangle	Regular
4	鍍層量 Coating mass(g/m ²)	依客戶需求，例如：AZ150/AZ50 As customer required
5	化學塗層 Chemical surface treatment (chromate free, chromated or organic resin)	例如：鉻酸處理 For example: Chromated treatment
6	調質 Skinpass	Yes
7	塗油 Oiled	不塗油 Non Oiled
8	尺寸 (厚度/寬度mm) Dimensions (Thickness/Width mm)	Width:0.376mm x 914mm x C(coil) Thickness: 0.2~1.55 mm
9	重量計算方式 Weight (theoretical,actual weight or ASTM TMW)	實際質量 Actual weight
10	鋼捲內徑 (508或610mm) Coil internal diameter (mm)	508 or 610 mm
11	單捲限重 (最小與最大) (噸) Minimum & Maximum coil weight (tons)	5~25 mt
12	用途 Application	例如：風管 For example: Duct
13	加工方法 Processing Method	Roll forming
14	訂購數量 (噸) Order Quantity (tons)	200 mt
15	交貨日期及地點 Delivery date and place	2008.10 New York
16	標識 Labeling	依裕鐵公司標準 As PT Standard
17	包裝方式 Packing	依裕鐵公司標準 As PT Standard
18	特殊要求 Special requirements	----

Note：本公司產品具有多樣尺寸與規格，適用於多種用途應用，客戶可依尺寸、用途等需求向本公司訂購適用之鋼品，如有任何相關產品之問題，請與本公司聯絡洽詢。
Prosperity Tieh's products have great dimensions and specifications for different demands. Please contact with us if need any technique supports.

彩色烤漆鋼捲 (PPGI/PPGL) 訂購須知：

Notices for Prepainted Galvanizing / 55% Al-Zn Alloy-coated steel coil：

項目 No.	訂購需提供資料 Information	範例 Example
1	品名 Description	熱浸鍍 55% 鋁鋅烤漆鋼捲 Prepainted Hot-Dip 55% Al-Zn Alloy-Coated Steel Coil
2	規格標示 Specification Designation (JIS,ASTM,EN or others)	ASTM A755
3	鍍層量 Coating mass (g/m ²)	依客戶需求，例如：AZ150/AZ50 As customer required
4	尺寸 Dimensions (Thickness/Width mm)	0.376mm x 914mm x C
5	塗料種類 (面漆 / 背面漆) Organic coating type designation (Topcoat/Backcoat)	聚酯樹脂/service PE/service
6	顏色 (面漆 / 背面漆) Color (Topcoat/Backcoat) ※參考本公司顏色色碼	SL443C4(海洋藍)/B1Y4064(雲灰) SL443C4(Ocean Blue)/B1Y4064(Cloud Gray)
7	塗膜厚度 (面漆 / 背面漆) Organic coating thickness	依客戶需求膜厚生產 As Customer require
8	保護膜 Protective film	No
9	鋼捲內徑 (508或610mm) Coil internal diameter (mm)	508 mm
10	單捲限重 (最小與最大) (噸) Minimum & Maximum coil weight (tons)	3~5 mt
11	面漆捲向 (內 / 外) Finish Coating (In/Out)	In
12	用途 Application	屋頂或牆板 Roofing or siding
13	加工方法 Processing Method	Roll forming
14	訂購數量 (噸) Order Quantity (tons)	200 mt
15	交貨日期及地點 Delivery date and place	2012.06 New York
16	標識 Labeling	依裕鐵公司標準 As PT Standard
17	包裝方式 Packing	依裕鐵公司標準 As PT Standard
18	特殊要求 Special requirements	---

Note：本公司烤漆鋼捲具有多樣尺寸與完善的色系種類及塗料性質，適用於多種用途應用，如有特殊需求客戶可提供顏色樣本供本公司進行對色作業，對色完成客戶確認後再依相關尺寸、用途等需求訂購適用之產品。
PPGI/ PPGL have great dimensions, color types, coating property for different demands. If any special demands, please provide a color sample for pre-color matching before releasing orders.

秉持“紮根專業”及“滿足客戶”的精神，裕鐵企業持續與國內外知名鋼廠合作、交流以提昇製程技術水準。並且結合一流的設備、技術人才致力於提供符合客戶需求的各類產品及最即時的技術服務。

經過三十年的努力發展，裕鐵企業不但擁有精密且完整的生產線，而且建立一套嚴謹的品質管理系統來維持製程的穩定度。放眼未來，期望不斷地創新及研發，讓顧客擁有更具環保、節能、競爭力的產品：在服務上，以準確、迅速、用心的態度來服務客戶。堅持這些理念，持續向前邁進，創造企業價值，必能成為一流鋼鐵製造商。

Committed to the policy “Profession” and “Customer satisfaction”, Prosperity Tieh incessantly exchanges technology and know-how in collaboration with renowned steel plants in order to enhance production capability. Meanwhile, Prosperity Tieh integrates excellent equipments, and specialists in order to provide various products to meet customers demands, and just-in time technique support.

In the past thirty years in steel industry, Prosperity Tieh not only owned several precision and comprehensive production lines, but built a strict quality management system to preserve manufacturing stability. Furthermore, Prosperity Tieh focuses on innovation and improvement incessantly, and offer more Environment Friendly, Energy-saving, competitiveness products to our customers. In service, Prosperity Tieh provides accurate, fast, and sensitive services to our customers. Stick to these beliefs, and move forward, we attempt to be one of top steel manufacturing suppliers in this steel market.

