

鋼之美 唯燁輝
Finest Steel at Yieh Phui

熱浸鍍鋅 / 鍍5%鋁鋅、鋅鋁鎂
鍍55%鋁鋅與彩塗烤漆鋼捲・產品型錄

HOT-DIP ZINC / 5% Al-Zn , Zn-Al-Mg
55% Al-Zn COATED & COLOR STEEL SHEETS

高雄市那瑪夏區民權國小
(3C PVDF潔冷烤漆鋼板)



地理位置

Location

台灣燁輝企業

位置圖 - 燁輝高雄及屏東廠

土地面積：284,931.93m²

廠房面積：155,476.56m²

YIEH PHUI, Taiwan

Location of Yieh Phui Kaohsiung & Pingtung Works

Land Area : 284,931.93m²

Factory Area : 155,476.56m²



大陸燁輝(中國)

位置圖 - 燁輝(中國)常熟廠

土地面積：338,535m²

廠房面積：166,494m²

YIEH PHUI (CHINA), China

Location of Yieh Phui (China) Changshu Works

Land Area : 338,535m²

Factory Area : 166,494m²

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燁輝(中國)常熟廠
Changshu Works

兼具環保及品質的耐久鋼材

Environmentally friendly, High quality and Long lasting products

前言

人類對文明的追求往往使大自然遭受不可彌補的破壞，建設與生態的失衡所造成之影響常使人們為了挽救奄奄一息的環境而付出更高的代價，當面臨抉擇而又需兩者兼顧時，一種既可符合文明及環保要求之高技術產品——鍍烤鋼捲當是優先的選擇。

鍍烤鋼捲包含熱浸鍍鋅／鍍鋁鋅鋼板與烤漆鋼板，除具有使用壽命長、維修費用低廉及減少環境污染之優點外，烤漆鋼板更具有艷麗的外觀，可提供視覺上更佳享受。加以國民所得提高，鍍烤鋼板之需求量更是與日俱增。

有鑑於此，燁輝不惜投下鉅資於1988年興建第一期建廠工程，特別引進由世界著名廠商——比利時COCKERILL MECHANICAL INDUSTRIES製造之多重功能連續熱浸鍍鋅及連續烤漆鋼捲生產線各一套，並由歐洲知名之熱浸鍍鋅與烤漆鋼板製造廠比利時PHENIX WORKS提供生產技術，秉持歐美重視品質的傳統精神，採用現代化之設備，在嚴密的品質管理下，由熟練的技術人員操作，配合電腦化的生產作業體系，於1991年5月前先後完成酸洗線、冷軋機、熱浸鍍鋅線及烤漆線等第一期建廠設備，可年產熱浸鍍鋅鋼捲25萬噸及烤漆鋼捲15萬噸。

另為配合政府國家建設及取代輕型鋼用之熱軋鋼料，燁輝又斥資進行第二期擴建工程，採用加拿大PRO-ECO公司設備，於1994年4月底興建完成年產25萬噸之第二條連續熱浸鍍鋅線，生產供應中厚尺寸之熱軋熱浸鍍鋅鋼捲(HGI)，使燁輝公司成為尺寸供應非常完整之鍍烤鋼捲專業製造廠。

鑑於鋼鐵市場對薄板之熱浸鍍烤鋼捲需求殷切，故燁輝又進行第三期擴建工程，興建第二座冷軋機及第三條連續熱浸鍍鋅生產線，其中第二座冷軋機於1996年8月試俾，且已正式進入量產；而第三條連續熱浸鍍鋅線採用日本KAWASAKI HEAVY INDUSTRIES LTD.之設備，

於1997年9月投產，本產線亦可生產55%熱浸鍍鋁鋅鋼捲，完成後本公司熱浸鍍鋅／鍍鋁鋅鋼捲年總產能更達75萬噸，另於1997年2月增購第二條連續烤漆線，使烤漆鋼捲之年總產能可達23萬噸。燁輝第四期之擴建，增設第三座冷軋機，第四條連續熱浸鍍鋅線與第三條連續烤漆線，均採用日本KAWASAKI HEAVY INDUSTRIES LTD.之設備，分別在2000年8月、2月與5月投產，並於2003年鍍面鋼捲總年產量達到130.5萬公噸，烤漆鋼捲年產量達43.3萬公噸之記錄。

為解決酸洗及冷軋產能不足問題，2003年3月購買燁興企業鋼管一廠、鋼管二廠、裁板廠及冷軋廠(含酸洗線)等資產，並從事鋼管製造與銷售，使燁輝企業之產品朝多元性發展。2011年3月基於全球鋼管市場經營策略考量，將原鋼管事業部之業務獨立，成立鑫陽鋼鐵股份有限公司專責有縫鋼管之製造銷售。

為著眼廣大的大陸市場之發展，於2002年1月在常熟市投資設立「常熟欣瑞科技材料有限公司」(後於2006年10月更名為燁輝(中國)科技材料有限公司)，做為熱浸鍍鋅與烤漆鋼捲生產中心。為提供廣大用戶之即時用料需求，並擴大服務範圍，陸續完成燁輝(中國)四期的擴建工程。目前合計台灣與大陸的熱浸鍍鋅年生產量可高達260萬噸，成為全球規模龐大之獨立熱浸鍍鋅專業製造廠。燁輝(中國)第四期擴建之100萬噸之酸連軋線、連續退火線、合金化熱浸鍍鋅線、彩塗烤漆線及第三條熱浸鍍鋅線增設之鍍鋁槽設備之產品主要供應汽車、家電用途市場。

燁輝及燁輝(中國)均可產製熱浸鍍鋅、鍍5%鋁鋅、鍍5%鋁鎂鋅、鍍55%鋁鋅，燁輝(中國)亦可產鍍鋁-矽及上述產品為底材之彩塗烤漆鋼捲，燁輝與燁輝(中國)在產品類別及尺寸皆為非常齊全之鍍烤鋼廠，可提供國內外鍍烤鋼捲用戶一次購足之便利性，強化其市場競爭力及擴大彼此之獲利空間。



Foreword

Civilization has often caused irreversible damage to nature and construction has usually accompanied deterioration of the environment. However, by using higher technology based materials, we can still meet the demands for social progress while minimizing damage to the environment. With the use of surface coated steel such as galvanized and pre-painted steel, we are able to meet these requirements.

Hot-dip galvanized, 5% Al-Zn and 55% Al-Zn coated steel sheet and pre-painted steel sheet are examples of materials with superior characteristics such as long durability, low maintenance costs, and minimal pollution. The attractive surface texture of pre-painted steel sheet allows for visual harmony. Continued social and economic growth is the major factor contributing to the increasing consumption of these materials.

In 1988, Yieh Phui invested in a continuous hot-dip galvanizing production line and a coil pre-painting production line, both of which were supplied by COCKERILL MECHANICAL INDUSTRIES of Belgium. The transfer of know-how was obtained with the close cooperation between the PHENIX WORKS of Belgium and Yieh Phui. Successful operation of the production lines resulted from the combination of quality-oriented principle, state-of-the-art equipment and facilities, well-trained and skilled technicians and a high level of computerization.

The first phase of construction, which included a pickling line, a cold rolling mill, a hot-dip galvanizing line and a pre-painting line, was completed in May 1991. This provided an annual capacity of 250,000 metric tonnes of galvanized steel and 150,000 metric tonnes of pre-painted steel products.

Large-scale national construction projects and substitution for corrosion prone hot-rolled steel presented Yieh Phui with the opportunity to expand production. Phase two expansion was then carried out and the 2nd continuous hot-dip galvanizing line was supplied from PRO-ECO of Canada and completed in April 1994 with an annual capacity of 250,000 metric tonnes. Phase two was designed to concentrate on medium and heavy gauge hot-rolled hot-dip galvanized steel (HGI) and made Yieh Phui a modern surface coated steel sheet producer that offers comprehensive product dimensions.

Due to the increasing demand for lighter gauge hot-dip galvanized steel materials, Yieh Phui proceeded with phase three expansion project. The project consisted of the 2nd cold rolling mill, which was commissioned in August 1996, and the 3rd continuous hot-dip galvanizing line from KAWASAKI HEAVY INDUSTRIES, Japan, which was completed in September 1997. This line also has a capability to produce 55% Al-Zn coated steel coils, and

this enables Yieh Phui to reach an annual capacity of 750,000 metric tonnes of galvanized, 5% Al-Zn and 55% Al-Zn coated steel. In February 1997, the purchase of the 2nd continuous pre-painting line brought the annual production capacity of pre-painted steel coils up to 230,000 metric tonnes.

Yieh Phui's phase four expansion project added the 3rd cold rolling mill, the 4th continuous galvanizing line and the 3rd continuous pre-painting line, all of which were supplied by KAWASAKI HEAVY INDUSTRIES, Japan and started up in August, February and May respectively in 2000. This expansion brought the annual production of galvanized steel sheet to 1,305,000 metric tonnes and prepainted steel sheet to 433,000 metric tonnes in 2003.

In March 2003, in order to resolve a shortage problem of pickled and cold-rolled steel, Yieh Phui purchased Yieh Hsing Enterprise's assets, including its No.1 & 2 steel pipe mills, sheet shearing line, pickling line and cold rolling mill. The production and sales of steel pipes and cold-rolled steel are helping Yieh Phui to achieve product diversification. Due to the consideration of global operational strategies, Yieh Phui spun off the Pipe Business Division into a new company: SHIN YANG STEEL CO., LTD. in March 2011. The new company mainly deals with the manufacturing and sales of welded carbon steel pipes.

Due to significant business opportunities in Mainland China, in January 2002, Yieh Phui established "Sino Leading Technomaterial Co., Ltd." in Changshu, as a coated steel production center in China (Sino Leading has already been renamed "Yieh Phui (China) Technomaterial Co., Ltd." in October 2006). In order to satisfy customers' requirements and enlarge the supply scope, four-phase projects of Yieh Phui (China) have been completed. The annual production capacity of hot-dip metallic coated steel in Taiwan and Mainland China have amounted to 2.6 million metric tonnes. Yieh Phui has become a large-scale independent coated steel sheet producer in the world. In Phase IV expansion, Yieh Phui (China) has installed one million metric-ton production lines, including a PLTCM (Pickling and Tandem Cold Mill), a CAL (Continuous Annealing Line), a CGL (Continuous Hot-Dip Galvanizing Line), a CCL (Coil Coating Line), and the third CGL equipped with an aluminum pot. These products mainly supply automobile and household appliances markets.

Yieh Phui's and Yieh Phui (China)'s product mixes consist of bare and pre-painted hot-dip galvanized, 5% Al-Zn, 5% Al-Mg-Zn and 55% Al-Zn coated steel coils. Yieh Phui (China) also produces Al-Si coated steel coils. The diverse product mixes hence provides our customers with one-stop shopping, more choices to them to strengthen their marketing competitiveness, and maximize mutual profitability.



生產流程—燐輝高雄及屏東廠

Production Process Overview of Yieh Phui Kaohsiung &



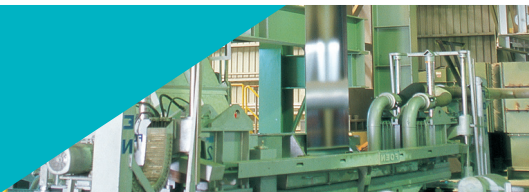
燐輝產線規格表

Yieh Phui Production Line and Capacity

產線別 Line	生產厚度 Thickness (mm)	生產寬度 Width (mm)	年產能 Cap./Year (mt)	製造商 Manufacturer
第一條酸洗線 No.1 PPL	1.50-5.00	600-1575	830,000	ANDRITZ (RUTHNER) (Austria 奧地利)
第二條酸洗線 No.2 PPL	1.50-5.00	900-1250	380,000	TAISTEEL (Taiwan 台灣)、 ANDRITZ (Austria 奧地利)
第一座冷軋機 No.1 CRM	0.15-3.00	700-1600	300,000	K.H.I.(JSP)* (Japan 日本)
第二座冷軋機 No.2 CRM	0.15-1.60	600-1310	300,000	HITACHI (Japan 日本)
第三座冷軋機 No.3 CRM	0.15-3.00	600-1300	300,000	K.H.I.(JSP)* (Japan 日本)
第四座冷軋機 No.4 CRM	>0.45	800-1260	150,000	SUECO (Sweden 瑞典)、 ROCKWELL (U.S.A. 美國)
第一條連續式 熱浸鍍鋅線 No.1 CGL	0.25-2.00	600-1550	250,000	C.M.I. (Belgium 比利時)、 STEIN HEURTEY (France 法國)、 CEGELEC (France 法國)
第二條連續式 熱浸鍍鋅線 No.2 CGL	0.70-4.50	450-1300	250,000	PRO-ECO (Canada 加拿大)、 EFCO (U.S.A. 美國)、 RELIANCE (Canada 加拿大)
第三條連續式 熱浸鍍鋅線 No.3 CGL	0.15-1.25	600-1300	250,000	K.H.I.(JSP) (Japan 日本)、 EFCO (U.S.A. 美國)、 CEGELEC (France 法國)
第四條連續式 熱浸鍍鋅線 No.4 CGL	0.20-1.60	600-1300	250,000	K.H.I.(JSP) (Japan 日本)、 DAIDO (Japan 日本)、 TOSHIBA (Japan 日本)
第一條連續式 烤漆線 No.1 CCL	0.25-1.30	600-1250	150,000	C.M.I. (Belgium 比利時)、 STEIN HEURTEY (France 法國)、 CEGELEC (France 法國)
第二條連續式 烤漆線 No.2 CCL	0.25-1.20	600-1250	80,000	NAGAOKA (Japan 日本)、 MITSUBISHI (Japan 日本)
第三條連續式 烤漆線 No.3 CCL	0.20-1.50	600-1550	120,000	K.H.I.(JSP) (Japan 日本)、 ROZAI (Japan 日本)、 MITSUBISHI (Japan 日本)

*K.H.I. 的鋼鐵廠銷售部門於 2003 年與 JSP 合併。
K.H.I.'s Steel Plant Sales Group merged with JSP in 2003.

Pingtung Works



熱軋鋼捲
Hot-Rolled
Steel Coils



酸洗線
Push-Pull
Pickling Line



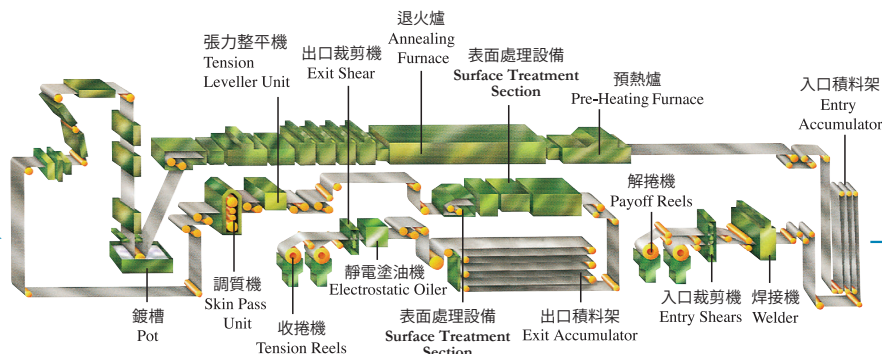
酸洗鋼捲
Hot-Rolled
Pickled Steel Coils



冷軋全硬鋼捲
Cold-Rolled Full
Hard Steel Coils



冷軋機
Reversing Cold
Rolling Mill

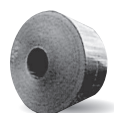


連續式熱浸鍍鋅生產線
Continuous Hot-Dip Galvanizing Line

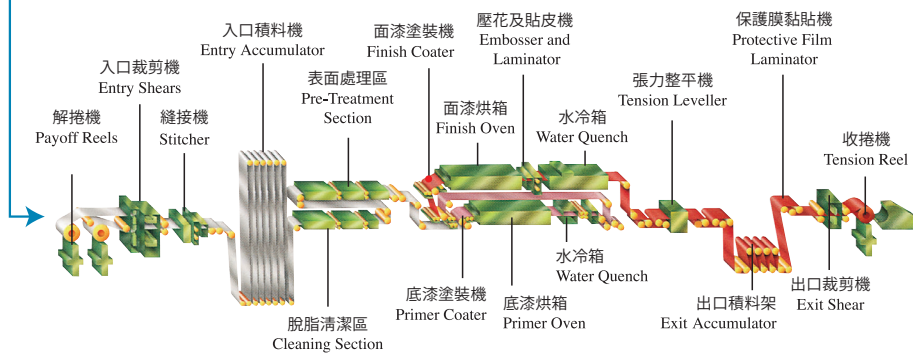
熱浸鍍鋅鋼捲
(美利新 PhuizerZinc)
Hot-Dip Zinc-Coated
Steel Coils

熱浸鍍鋅鋁鎂鋼捲
(鋁鋅鳳 PhuizerFan &
鋁鎂鳳 PhuizerMax)
Hot-Dip Zn-Al-Mg Coated
Steel Coils

熱浸鍍55%鋁-鋅鋼捲
(鋁鋅龍 PhuizerLume)
Hot-Dip 55% Al-Zn
Coated Steel Coils



冷軋鋼捲
Cold-Rolled
Steel Coils

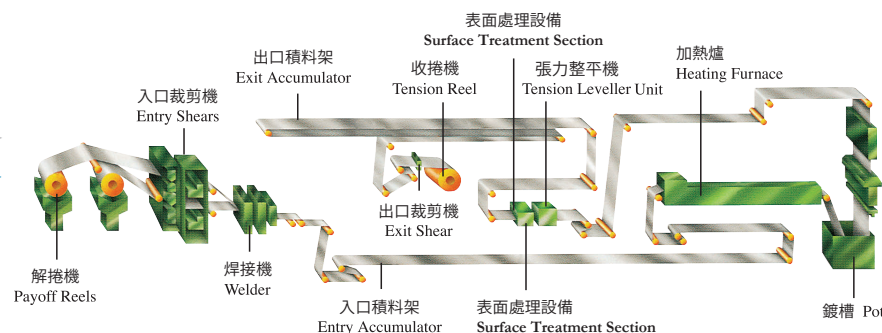


連續式烤漆線
Continuous Coil Coating Line

熱浸鍍鋅烤漆鋼捲
(彩色新 ColorZinc)
Pre-painted Hot-Dip
Zinc-Coated Steel Coils

熱浸鍍鋅鋁鎂烤漆鋼捲
(彩色鳳 ColorFan & 彩色
鳳 ColorMax) Pre-painted
Hot-Dip Zn-Al-Mg Coated
Steel Coils

熱浸鍍55%鋁-鋅烤漆
鋼捲 (彩色龍 ColorLume)
Pre-painted Hot-Dip
55% Al-Zn Coated Steel
Coils



第二條連續式熱浸鍍鋅生產線
No.2 Continuous Hot-Dip Galvanizing Line

熱浸鍍鋅鋼捲
(美利新 PhuizerZinc)
Hot-Dip Zinc-Coated
Steel Coils

熱浸鍍鋅鋁鎂鋼捲
(鋁鋅鳳 PhuizerFan &
鋁鎂鳳 PhuizerMax)
Hot-Dip Zn-Al-Mg Coated
Steel Coils



生產流程—燁輝（中國）常熟廠

Production Process Overview of Yieh Phui (China)



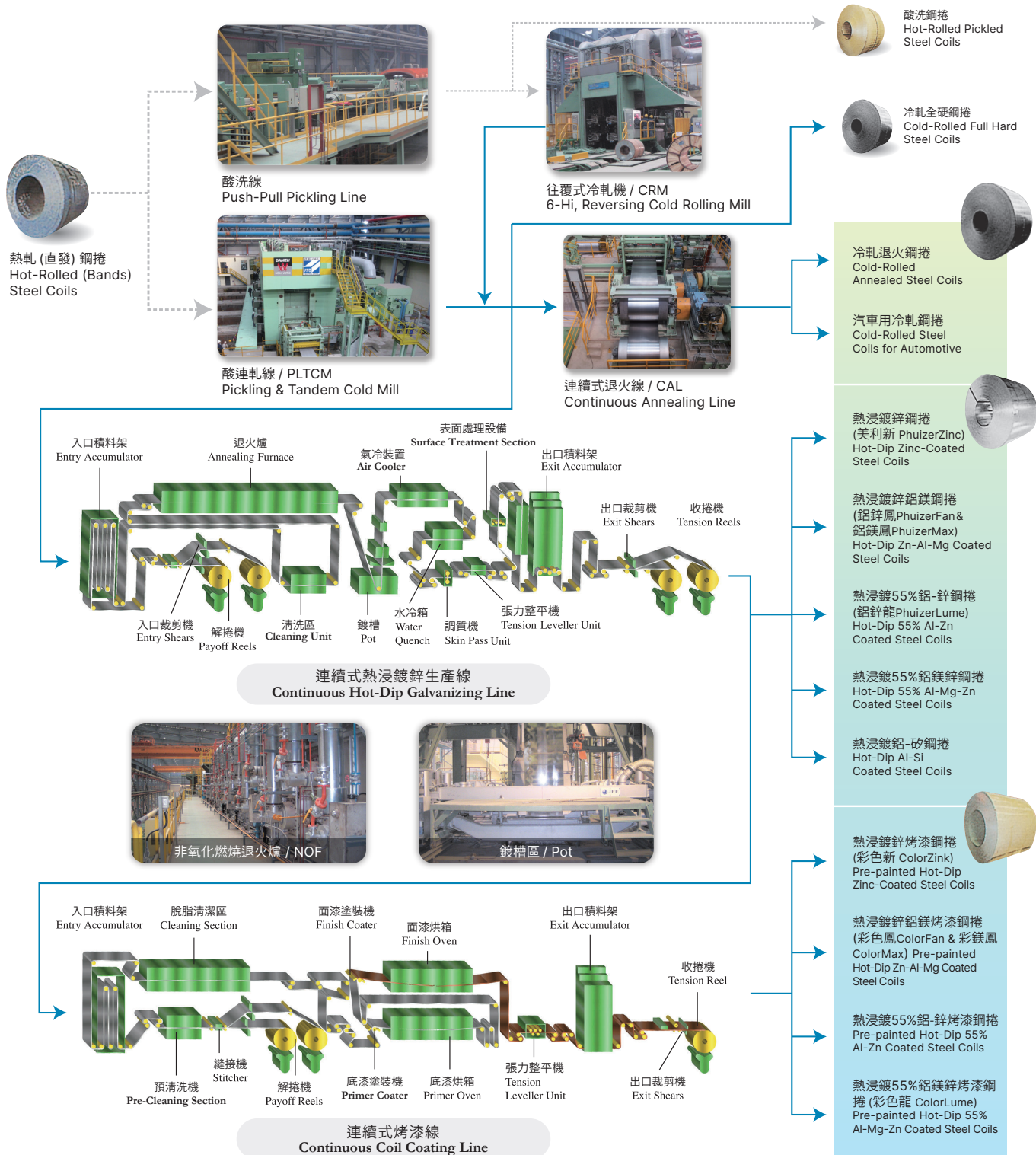
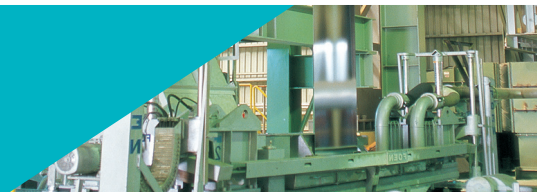
燁輝（中國）產線規格表

Yieh Phui (China) Production Line and Capacity

產線別 Line	生產厚度 Thickness (mm)	生產寬度 Width (mm)	年產能 Cap./Year (mt)	製造商 Manufacturer	首顆鋼捲產出時間 Date of First Coil Produced
酸洗線 PPL	1.00~5.00	600~1575	900,000	ANDRITZ (RUTHNER) (Austria 奧地利)	2004. 12. 09
第一條酸連軋線 No.1 PLTCM	0.20~2.50	800~1650	1,000,000	DANIELI (Italy 義大利)	2015.02.15
第一座冷軋機 No.1 CRM	0.15~3.20	600~1300	300,000	K.H.I.(J.S.P.) * (Japan 日本)、 MITSUBISHI (Japan 日本)	2004. 12. 28
第二座冷軋機 No.2 CRM	0.15~3.20	600~1300	300,000	K.H.I.(J.S.P.) (Japan 日本)、 MITSUBISHI (Japan 日本)	2005. 10. 13
第一條連續式退火線 No.1 CAL	0.23~2.50	800~1650	500,000	CISDI 中冶賽迪 (China 中國)	2015.08.10
第一條連續式 熱浸鍍鋅線 No.1 CGL	0.20~2.00	600~1300	300,000	K.H.I.(J.S.P.) (Japan 日本)、 DAIDO (Japan 日本)、 RELIANCE (Japan 日本)	2005. 03. 12
第二條連續式 熱浸鍍鋅線 No.2 CGL	0.25~3.20	450~1300	300,000	K.H.I.(J.S.P.) (Japan 日本)、 DAIDO (Japan 日本)、 RELIANCE (Japan 日本)	2005. 12. 01
第三條連續式 熱浸鍍鋅線 No.3 CGL	0.20~2.00	762~1550	300,000	DANIELI (Italy 義大利)、 EFCO (U.S.A. 美國)	2008. 12. 20
第四條連續式熱浸鍍鋅線 (可生產合金化鋼捲) No.4 CGL (It can also produce hot-dip galvannealed steel coils.)	0.40~2.50	800~1650	400,000	ANDRITZ (Austria 奧地利)	2018.01.18
第一條連續式 烤漆線 No.1 CCL	0.20~1.50	600~1300	180,000	K.H.I.(J.S.P.) (Japan 日本)、 ROZAI (Japan 日本)、 RELIANCE (Japan 日本)	2005. 03. 02
第二條連續式 烤漆線 No.2 CCL	0.20~1.50	600~1300	180,000	K.H.I.(J.S.P.) (Japan 日本)、 ROZAI (Japan 日本)、 RELIANCE (Japan 日本)	2005. 12. 01
第三條連續式烤漆線 No.3 CCL	0.20~2.00	600~1550	210,000	J.S.P. (Japan 日本)	2017.02.21

*J.S.P.: JP Steel Plantech Co. (SPCO) 為 2001 年由 JFE、K.H.I. (Kawasaki Heavy Industries)、Hitz (Hitachi Zosen) 及 S.H.I. (Sumitomo Heavy Industries) 四家公司合資成立之公司。

J.S.P.: JP Steel Plantech Co. (SPCO) was founded in 2001 by JFE, K.H.I. (Kawasaki Heavy Industries), Hitz (Hitachi Zosen) and S.H.I. (Sumitomo Heavy Industries).



連續鍍面生產線製程介紹

Coating Line's Processes for
PhuizerZinc, PhuizerFan, PhuizerMax & PhuizerLume

前處理及退火

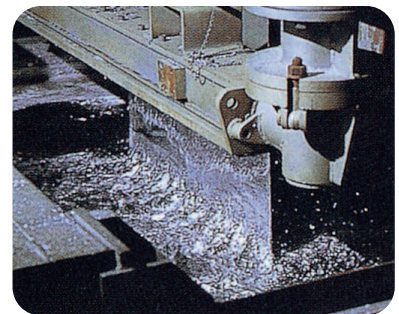
採用現代化非氧化性直火燃燒爐 (Non-Oxidizing Direct Flame Furnace) 先將原板 (冷軋或熱軋酸洗鋼板) 表面之殘油除去，再進入退火爐，加熱至再結晶溫度以上，使鋼板軟化，以利用戶之成形加工。

Pre-treatment and Annealing

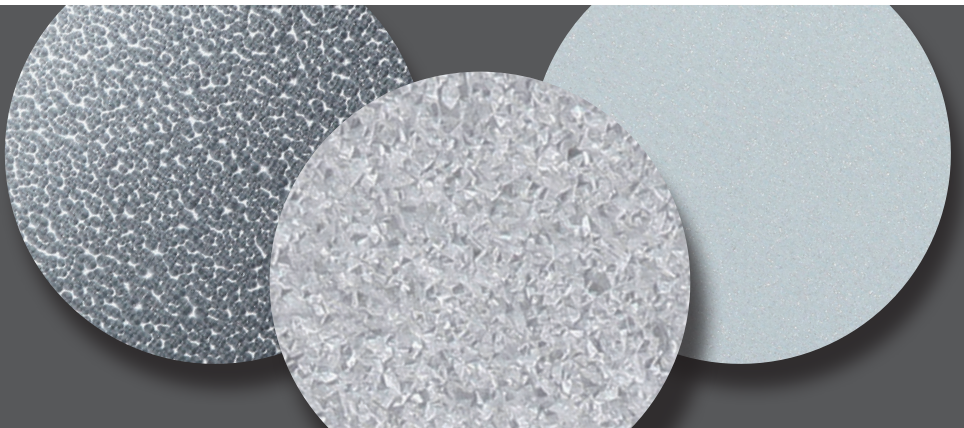
Residual oil on the surface of the cold rolled or pickled strip is cleaned off in the non-oxidizing direct flame furnace (NOF). The strip is then softened through recrystallization in the annealing furnace.



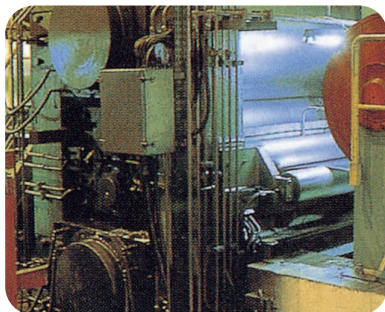
非氧化性直火燃燒退火爐
NOF



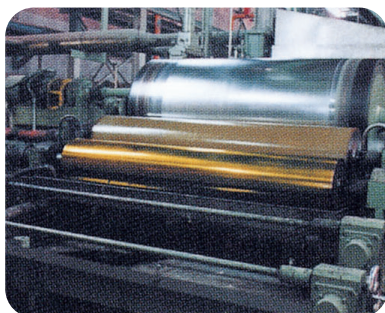
自鉍槽升起之鋼板與空氣刀
Air Knife



各種鉍花表面
Spangle patterns



調質機
Skin Pass Unit



耐指紋樹脂塗覆機
Organic Resin Coater

鉍花調整

以空氣刀控制鍍層量後再以鉍粉吹射尚未固化之鉍層或以微細化水霧噴射鉍層，或控制鍍槽成分，均可得微細鉍花或無鉍花表面。

調質與整平

高性能之調質機及張力整平機，可改善鍍層表面之均勻性及板形，提高產品品質。

表面處理

於鍍層之表面施予鉍酸化處理或塗覆有機樹脂 (耐指紋塗膜) 處理，以減少或避免在儲存、使用時白銹之產生。

Mini Spangle Device

The thickness of the coating layer is precisely controlled by the air knife. Zinc powder or atomized fog are blown on to the coating layer before it solidifies to produce minimized (zero) spangles. Another way to produce minimized (zero) spangles is through control of the metal pot composition.

Skinpass and Tension Levelling

This process ensures the flatness of the strip and improves the surface uniformity.

Surface Treatment

The surface of the coated strip is treated with chromic acid or organic resin (anti-fingerprint) to minimize the occurrence of white rust.

鍍面鋼捲之特色

Characteristics of PhuizerZinc,
PhuizerFan, PhuizerMax & PhuizerLume



鍍鋅／鍍鋁鋅製程

鍍槽內添加鋁 (Al)，抑制脆硬之鋅鐵合金層的形成，可得多形性優越，附著性良好之熱浸鍍鋅鋼板。此產品命名為「美利新鍍鋅鋼板 (PhuizerZinc)」。

本公司亦可生產鍍 5% 鋁鋅及鍍 55% 鋁鋅鋼板，主要係在此製程之改變。

鍍 5% 鋁鋅鋼板產品名稱為「鋁鋅鳳 (PhuizerFan)」，因含有微量之鎳鉻合金成分可以改善鋼板鍍層之濕潤性，提供絕佳之成形性與沖壓性，優良之塗裝性及良好的熔接性。

鍍 55% 鋁鋅鋼板產品名稱為「鋁鋅龍 (PhuizerLume)」，鍍層鋁含量約 55%、矽含量約 1.5%，具有優良之抗腐蝕性、抗高溫氧化性和熱反射性及良好的塗裝性。

高耐候性

底材 (原板) 因有鍍層 (鋅、5% 鋁鋅或 55% 鋁鋅) 之覆蓋及犧牲陽極之保護作用而延長了使用壽命。再加上鉻酸或耐指紋樹脂塗覆處理，可提供更佳之耐候性。

附著性佳

藉由控制降低鍍層中脆硬之鋅鐵合金層，鍍層之附著性特佳，可用於扣鎖成形 (Lock Forming) 用途。

塗裝性良好

細化之鋅花再經調質軋延所得之超平滑表面鍍面鋼板，表面平滑均勻，適合於塗裝用途。再者，合金化之鍍鋅鋼板表面微觀組織呈海棉針狀，塗裝之附著性亦非常優越。

製品種類齊全

燁輝設有專業之連續式熱浸鍍鋅線，厚度 0.15~4.5mm，寬度 450~1550mm，除可供應正常鋅花、微細鋅花、超平滑表面等熱浸鍍鋅產品外，亦可生產鍍 5% 鋁鋅、鍍 55% 鋁鋅、鍍 5% 鋁鎂鋅及 55% 鋁鎂鋅鋼板，燁輝 (中國) 則可生產至 1650mm 寬度，產品除上述種類外，更可生產鋅鐵合金化與鍍鋁產品，產品種類眾多、尺寸非常齊全。

Coating

This strip is coated by dipping into a pot of molten zinc. The aluminum is added to the pot and precisely controlled to avoid a brittle Zn-Fe alloy layer. This product's name is "PhuizerZinc".

When the coating material replaced with a 5% Al-Zn composition, the coated steel product is called "PhuizerFan". The composition of mischmetals in the pot improves the wettability and offers extraordinary formability, drawability, excellent paintability and good weldability.

When the coating material replaced with a 55% Al-Zn composition, the coated steel product is called "PhuizerLume". Both laboratory and long-term outdoor exposure tests showed that the alloy coating gives optimum corrosion resistance, high temperature oxidation resistance and good paintability. The coated alloy is composed of about 55% aluminum, 1.5% silicon and balanced zinc, by weight.



**ZAC 協會頒發之鍍 55% 鋁鋅鋼捲
生產突破 2 百萬噸榮譽**

"SPECIAL AWARD FOR
PRODUCTION OF 2,000,000
TONS OF GALVALUME SHEET"
issued by ZAC (the Zinc
Aluminum Coaters Association)

Excellent Weathering Resistance

The coated layer (Zn, 5% Al-Zn or 55% Al-Zn) acts as a sacrificial anode, thus protecting the base steel from corrosion. The chromic acid or anti-fingerprint resin coated treatment adds additional protection to the strip against weathering.

Good Adhesion

The thickness of the brittle zinc-iron alloy layer at the interface of the steel base metal and the zinc layer is minimized, thereby improving the adhesion of the zinc coating. The strip can be used for lock forming applications.

Superb Paintability

The minimized (zero) spangle and skinpassed surface is smooth and homogeneous, providing superb paintability. The galvannealing process produces a spongy surface structure which is ideal for paint adhesion

Availability

Yieh Phui's professional line can produce strip with thicknesses ranging from 0.15mm to 4.5mm and widths ranging from 450mm to 1550mm. Available surface finishes include regular spangle and minimized (zero) spangle. The lines can also produce PhuizerFan, PhuizerLume, PhuizerMax and PhuizerGLAM coated steels. Yieh Phui (China) can produce the width up to 1650mm. Apart from the products above, it also produces hot-dip galvannealed and aluminum coated steel sheets, providing customers with enormously diverse product mix and dimensions.

鍍面鋼捲之特色

Characteristics of PhuizerZinc,
PhuizerFan, PhuizerMax & PhuizerLume



表面精整與各種鍍層之特性比較

Characteristics and Comparison of Different Surface Aspects and Coating Types

特性 Characteristics		製造方法 Production Method	特性 Characteristics	用途 Applications	
產品 Product				最適用 Most Suitable	適用 Suitable
熱浸鍍鋅 PhuizerZinc (Zinc Coated)	一般鋅花 Regular Spangle	鍍鋅層以正常方式固化產生鋅花。 Spangle produced by crystallization solidification.	附著性良好耐候性佳。 Good adhesion and weathering resistance.	防撞護欄、送風機、風管、導管。 Guardrails, ventilation ducts, gutters and down spouts.	鐵捲門、排水管、天花板支架。 Shutter doors, gutters and down spouts, ceiling suspension bars.
	微細(無)鋅花 Minimized (Zero) Spangle	控制鍍槽成份組成, 可得微細鋅花或稱無鋅花。 Control the composition of pot to achieve minimized spangle.	表面平滑, 塗漆後表面均勻美觀。 Uniform surface and attractive finish after painting.	排水管、天花板支架、電導線管、捲門邊柱、中柱、烤漆用途。 Pre-paint and post-paint applications, gutters and down spouts, ceiling suspension bars, shutter door rails.	汽車車體、防撞護欄、送風機。 Automotive parts, guardrails, ventilation ducts.
	超平滑表面 Extra Smooth Surface	鍍鋅後再經調質軋延, 造成平滑表面。 Temper rolling produces an extra smooth surface.	表面平滑, 塗漆後表面均勻美觀。 Uniform surface and attractive finish after painting.	排水管、汽車組件、電器設備、冷凍櫃、電冰箱、烤箱、烤漆用途。 Gutter and down spouts, auto parts, electrical appliances, refrigerator appliances, fridges, ovens, prepainting.	汽車車體、防撞護欄、空調風管。 Automotive parts, guardrails, ventilation ducts.
	合金化 Galvannealed	鋼帶出鍍鋅槽後, 以合金化爐處理, 使鍍層形成鋅鐵合金層。 The galvannealed strip is heated to alloy the zinc-iron layer.	表面無鋅花且粗糙, 塗裝性良好, 焊接性佳。 No spangle and rough surface. Good paintability and weldability.	汽車鈑金、汽車組件、鐵捲門、標示、招牌、自動販賣機、電冰箱、洗衣機、展示櫃。 Automotive stamping parts, automotive parts, shutter doors, signs, vending machines, refrigerators, washing machines, showcases.	電器設備外殼、辦公室桌櫃。 Casing for electrical equipment, office furniture.
熱浸鍍5%鋁鋅 PhuizerFan (5%Al-Zn Coated)		鍍槽成分控制為約5%鋁及微量的錳(Mn)與銻(Ce)之稀土元素混合物其餘為鋅, 生產而得之鋁鋅合金層。 The coating alloy comprises about 5% aluminum, mischmetals and balanced Zn.	加工成形時鍍層不易龜裂, 塗裝性良好, 防蝕能力佳。 Good formability, excellent paintability and superior corrosion resistance.	C.Z 型鋼、空調風管、窗戶門框、汽車內部零件、自動販賣機、防撞護欄圍欄。 C.Z purlin, gutters, door frame, auto parts, vending machines, guardrails.	洗衣機、烤漆用途等。 Washing machines, pre-painting applications.
YP 熱浸鍍5%鋁鎂鋅 PhuizerMax (5%Al-Mg-Zn Coated) in YP		鍍槽成分控制以原熱浸鍍5%鋁鋅成分基礎上, 為提高耐蝕性而添加0.2%以上的鎂與微量的矽元素混合物其餘為鋅, 生產而得之鋁鎂鋅合金層。 The composition control of the pot is based on the original hot-dip coating of 5% Al-Zn, adding more than 0.2% of magnesium and a trace of silicon to improve corrosion resistance. The rest is zinc. And the Al-Mg-Zn alloy layer is produced.	具有優異的耐蝕、切邊保護能力及加工性, 可廣泛應用於各種大氣腐蝕環境領域。 It has excellent corrosion resistance, edge protection ability and processability, and can be widely used in various atmospheric corrosive environments.	太陽光電系統支架及配件、自動化禽畜養殖設施、配線架、線槽、CZ型鋼、霧柱梁柱、樓層板、輕型鋼、製管用途、汽車內部零件。 Solar photovoltaic system brackets and accessories, automated livestock breeding facilities, cable trays, wire ducts, CZ purlin, patio beams, floor decks, light steel, pipe making, automotive interior parts.	空調風管、烤漆用途等。 Ducts, pre-painting applications.
YPC熱浸鍍5%鋁鎂鋅 PhuizerMax (5% Al-Mg-Zn Coated) in YPC		鍍槽成分主要為鋅和5%鋁、2%鎂及微量稀土元素, 鋼板經熱浸鍍及適當冷卻後形成富鋁/富鎂/MgZn ₂ 三相共晶的鋁鎂合金鍍層。 The main components of the pot are zinc, 5% aluminum, 2% magnesium and mischmetals. The steel sheet is hot-dipped and properly cooled to form an aluminum-rich/zinc-rich/MgZn ₂ three-phase eutectic Al-Mg-Zn alloy coating.	鋼板切邊及成型後耐蝕性更佳, 鋼板表面更光滑、細膩。 The steel sheet has better corrosion resistance after trimming and forming, and the surface of the steel sheet is smoother and more delicate.	1. 汽車用車窗起降馬達外殼、濾清器外殼及各種電子元器件外殼等汽車專用材料 2. 太陽能支架 3. 畜牧業用屋頂邊牆、農用筒倉、飼料槽等。 1. Automotive window lift motor housing, filter housing and various electronic component housings and other automotive-specific materials 2. Solar panel brackets 3. Roofing and siding for animal husbandry, silos, and feed troughs, etc.	烤漆用屋頂邊牆建材。 Pre-painting for roofing/siding
熱浸鍍55%鋁鋅 PhuizerLume (55%Al-Zn Coated)		鍍槽成分控制為約55%鋁, 約1.5%矽, 其餘為鋅, 生產而得之鋁鋅合金層。 The coating alloy comprises about 55% Al, 1.5% Si and balanced Zn.	表面鋅花均勻一致, 外觀高雅, 有良好之附著性。 Uniform and pleasing appearance, and good adhesion.	風管、汽車組件、電器設備、自動販賣機、電冰箱、烤箱、烤漆用途。 Ducts, auto parts, electrical appliances, vending machines, refrigerators, ovens, pre-painting.	展示櫃、電冰箱、烤箱、輕量型鋼。 Showcases, fridges, ovens, purlin.
YPC熱浸鍍55%鋁鎂鋅 PhuizerGLAM (55% Al-Mg-Zn Coated) in YPC		鍍槽成分含約55%鋁、1.2%鎂、1.5%矽、少量其它合金元素及餘量鋅, 鋼板經熱浸鍍及適當冷卻後形成富鋅相中含有Mg ₂ Si的鋁鎂合金鍍層。 The composition of the pot contains about 55% aluminum, 1.2% magnesium, 1.5% silicon, a small amount of other alloying elements and the balance of zinc. The steel sheet is hot-dipped and properly cooled to form a zinc-rich Al-Mg-Zn alloy containing Mg ₂ Si.	鋼板表面鋅花細小, 切邊及表面防蝕能力更優秀。 The surface of the steel sheet has fine spangles, and the cutting edge and surface corrosion resistance are better.	屋頂邊牆、太陽能光板框架、輕鋼別墅骨架等用途。 Roofing/siding, solar panel brackets, and light steel villa frames, etc.	展示櫃、烤漆用屋頂邊牆建材。 Showcases, and pre-painting for roofing/siding.

烤漆鋼捲之組成

Structure of Color Steel Sheet
(ColorZink, ColorFan, ColorMax & ColorLume)



結構

烤漆鋼板係使用鍍面鋼捲做為底材，先經表面處理在上下板面形成表面處理化成皮膜，再塗覆以高分子有機樹脂之底漆及面漆所構成之高級烤漆鋼板。每一組成介面均扮演著其獨有並且重要的機能，然後匯合成烤漆鋼板整體的優良品質。

底材

烤漆鋼板除了使用熱浸鍍鋅 / 鍍鋁鋅鋼捲做為底材外，尚可使用冷軋、電鍍鋅、鍍鋁、不銹鋼等鋼捲及鋁捲做為底材。

鍍鋅鋼板為底材所產出之烤漆製品稱為「彩色新烤漆鋼板 (ColorZink)」，以鍍 5% 鋁鋅鋼板為底材所產出之製品稱為「彩色鳳烤漆鋼板 (ColorFan)」，而以鍍 55% 鋁鋅鋼板為底材所產出之製品稱為「彩色龍烤漆鋼板 (ColorLume)」，以鍍 5% 鋁鎂鋅鋼板為底材所產出之製品稱為「彩鎂鳳烤漆鋼板 (ColorMax)」。

塗膜

烤漆鋼板之塗膜除可使用聚酯樹脂 (PE)、矽質強化樹脂 (SMP)、氟碳樹脂 (PVDF)、壓克力樹脂 (AC)、聚氨酯樹脂 (PU)、聚氯乙烯可塑溶膠塗料 (PVC)(可再經壓花成各種紋路) 等塗料外，亦可生產高膜厚塗膜之高級烤漆產品與特殊性能之烤漆產品，如白板、綠板、消光藝術鋼板、抗靜電烤漆鋼板、耐候潔淨烤漆鋼板、抗菌鋼板等。

特殊塗膜—晶紋漆

輝彩消光礦纖塗膜，適用於室外建材、鋼瓦、室內裝潢、室內隔間板、家電產品等。

Coating Film

Polyester (PE), Silicone Modified Polyester (SMP), Fluorocarbon (PVDF), Acrylic (AC), Polyurethane (PU), PVC Plastisol (it can be embossed to versatile texture) and paints can be applied to the steel strip. In addition, a high-built paint film and for special function coating, e.g. white board/green board color sheet, Rough Matt/Neo Matt polyester color sheet, anti-electrostatic color sheet, high performance clean color sheet and anti-microbial color sheet can also be produced.

Special Function Coating--Crystallite Silky Series

Crystallite Silky Series. It is suitable for exterior building material, metal tile, interior decoration, interior partition, and household appliances.

Structure

ColorZink is made up of layers of metal, surface treatment, and coatings. Each layer plays an important role in producing the excellent quality of ColorZink.

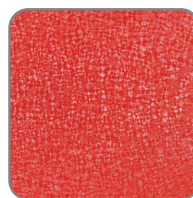
Base Metal

Apart from hot-dip galvanized steel and Al-Zn coated steel, cold rolled steel, electro-galvanized steel, Al-coated steel, stainless steel and aluminum strip can also be coated in prepainting line.

The galvanized base steel's product name is "ColorZink", and 5% Al-Zn coated steel's product name is "ColorFan", and 55% Al-Zn coated steel's product name is "ColorLume", and 5% Al-Mg-Zn coated steel's product name is "ColorMax".



晶紋漆塗膜 Patterns of Crystallite Silky Series



● 珊瑚紅
Coral Red



● 翡翠綠
Emerald Green



● 白金銀
Platinum Silver

另有 28 種顏色可供選用。

Twenty-eight other colors have been developed for use.

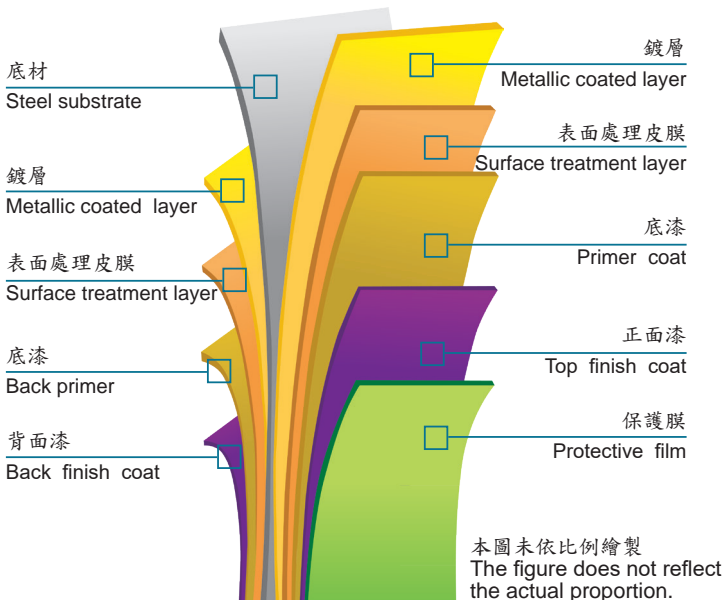
烤漆鋼捲之特色

Characteristics of ColorZink, ColorFan & ColorLume

更廣泛的適用性

烤漆鋼板可使用不同的底材、多類樹脂及極富變化的色彩提供用戶更多重選擇，這些特色豐富了建築物、室內裝潢、家電用品及各種新產品設計的靈感泉源。本公司的設備更具有生產表面塗層壓花及金屬壓花等高級產品的能力，使烤漆鋼板擁有更廣的適用性。

二塗二烤的塗裝方式 2 COAT 2 BAKE SYSTEM



特高的經濟效益

烤漆鋼板的耐久性 & 適用性，使用戶以低廉的裝設與維護費用就可獲得更長的使用年限，與一般傳統的塗裝作業方式比較，採用燐輝／燐輝(中國)產品可以減少人力、工程、設備及環保方面的支出。

Excellent Cost Effectiveness

ColorZink, ColorFan, ColorMax and ColorLume are easy to use and have no need for post-painting, thus eliminating the need to invest in expensive labor, painting equipment, and pollution abatement costs. The extra durability of ColorZink, ColorFan and ColorLume against corrosion and weathering, imparts a lasting application life and noticeably reduces maintenance costs. In the long term these features produce significant savings for the end user.

Broad Availability

ColorZink, ColorFan, ColorMax and ColorLume are available in a wide range of colors, sizes and mechanical characteristics. The broad selection of color, finish, texture, gloss, and hardness, expands the creativity of designers for building exteriors, interior decorations, household appliances, and so on. ColorZink, ColorFan and ColorLume can be film-embossed or metal-embossed, giving the finish a fine texture.

良好的成形性

烤漆鋼板所使用的熱浸鍍面底材，在製造過程中先經連續鍍鋅線之退火爐施以熱處理，底材之加工成形性可依用戶之需要做適當的調整以生產一般用、沖壓用、深沖用、扣鎖成形、結構用等各類產品。再者，烤漆產品所使用配方新穎之樹脂塗料，其塗膜具有優異的屈曲，即使在高速成形時亦具有良好之成形性而不會剝離。

Outstanding Formability

The substrate of ColorZink, ColorFan, ColorMax and ColorLume, a hot-dip metallic coated cold-rolled steel sheet, is heat treated in a continuous annealing furnace. It is available in drawing, extra deep drawing, and lock forming grades. The tightly controlled hot-dip process minimizes the formation of the brittle zinc-iron alloy layer, thus ensuring a firmly adhering zinc layer which does not peel during forming. The color coatings are durable and flexible. Thus, they do not peel during forming.

優異的耐久性

烤漆鋼板採用精選的熱浸鍍面鋼板底材及配方新穎的樹脂塗料，以二塗二烤的塗裝工程塗覆在底材上。產品之耐衝擊性、耐摩擦性、耐化學藥品性、耐腐蝕性及耐候性俱優，使用壽命極長。

Superb Durability

ColorZink, ColorFan, ColorMax and ColorLume use specially selected hot-dip metallic coated steel as a substrate. The metallic coating retards oxidation of the base steel metal. The paints utilized in ColorZink, ColorFan and ColorLume are specially selected in accordance with the processing methods and the end use. The 2 coat 2 bake method of paint application provides ColorZink, ColorFan and ColorLume with extra resistance against abrasion, impact, chemical corrosion, and weathering.

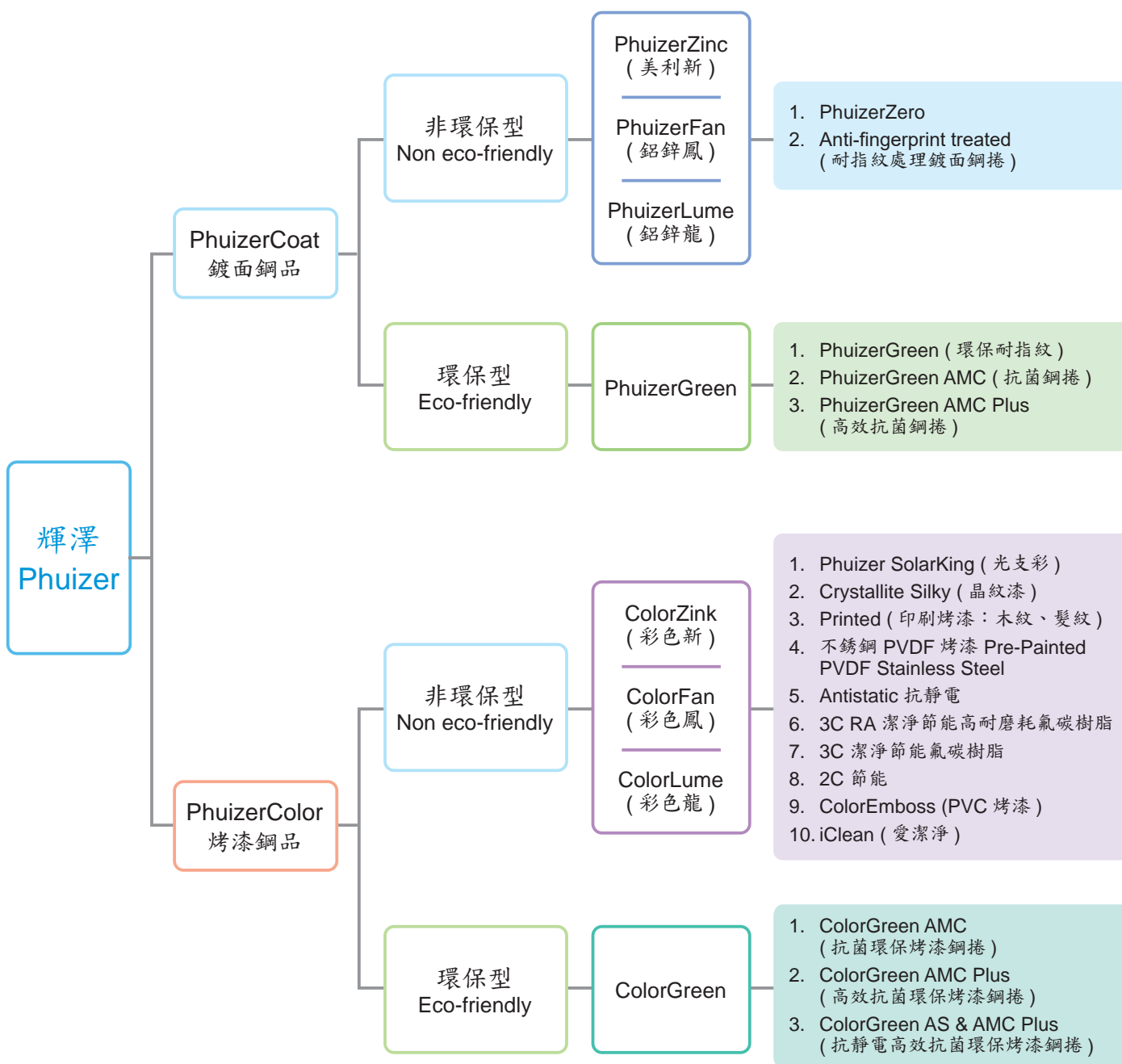
燁輝鍍烤鋼品名稱一覽表

List of Yieh Phui's
Coated Steel Product Names



燁輝鍍烤鋼品

Yieh Phui's Coated Steel Products and Abbreviation





鍍面鋼捲用途與應用實績

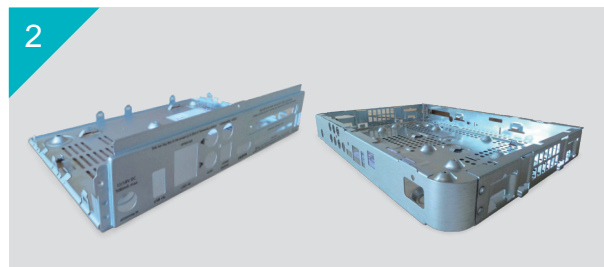
Applications & Application References of
PhuizerZinc, PhuizerFan & PhuizerLume

鍍面鋼板可提供良好的耐候性、附著性及成形性等優良的特性，適用於汽車組件、電腦外殼、隔間內骨、自動販賣機、樓承板、鷹架鋼管……等用途，並可作為烤漆鋼板之底材。

PhuizerZinc, PhuizerFan & PhuizerLume provide excellent weathering resistance, good adhesion and formability. PhuizerZinc, PhuizerFan & PhuizerLume are suitable for automotive parts, computer cases, partitions, vending machines, decks, scaffolding... and so on. Furthermore they can also be used as a base material for prepainted steel sheet.



1
雲端伺服器
Cloud Server



2
數位機上盒
Digital TV Set-Top Box



3
飛機停機堡屋頂
超高鍍層熱浸鍍鋅鋼板
Roof Decking of Aircraft Fortress
Galvanized Steel Sheet with Very Large Coating Mass



4
穀物筒倉，鍍 5% 鋁鋅鋼板
照片由加拿大 Twister Pipe 公司提供
Grain Bin, Hot-Dip 5% Al-Zn Coated Steel Sheet
Courtesy of Twister Pipe Ltd., Canada



5
車輛輪弧蓋，深加工級熱浸鍍鋅鋼板
Vehicle's Fender
Deep Forming Galvanized Steel Sheet



6
自動化禽畜養殖設施用料，熱浸鍍 5% 鋁鋅鋼板
Frame of an automatic poultry feeding system
Hot-Dip 5% Al-Zn Coated Steel Sheet

- Phuizer
- PhuizerZinc
- PhuizerFan
- PhuizerLume
- PhuizerGreen



7
中國大陸福州高鐵站
使用燐輝(中國)熱浸鍍5%鋁鋅鋼板
China High-Speed Railway--Fuzhou Station
Hot-Dip 5% Al-Zn Coated Steel Sheet



8
空調風管，抗菌鍍鋅鋼板
Ducting
Anti-Microbial Metallic Coated Steel Sheet



9
背光模組背板
鍍55%鋁鋅鋼板
Back Panel of Backlight Module
Hot-Dip 55% Al-Zn Coated Steel Sheet



10
汽車電動椅馬達蓋
熱浸鍍5%鋁鋅鋼板
Motor Housing of Power-Adjustable Automotive Seat
Hot-Dip 5% Al-Zn Coated Steel Sheet



11
鍍鋅車斗推車
深加工級熱浸鍍鋅鋼板
Cart
Deep Forming Galvanized Steel Sheet



12
汽車喇叭
深加工級鍍5%鋁鋅鋼板
Motor Speaker
Deep Forming 5% Al-Zn Coated Steel Sheet



鍍面鋼捲用途與應用實績

Applications & Application References of
PhuizerZinc, PhuizerFan & PhuizerLume

13



太陽光電支架
熱浸鍍 5% 鋅、鋁鎂鋅鋼板
Solar Panel Bracket
Hot-Dip 5% Al-Zn / Zn-Al-Mg Coated Steel Sheet

14



高雄市義大醫院及癌治療醫院樓承板
熱浸鍍 5% 鋁鋅鋼板
FFloor Decks of E-Da Hospital & Cancer Hospital, Kaohsiung, Taiwan
Hot-Dip 5% Al-Zn Coated Steel Sheet

16



樓承板 (澳洲墨爾本皇家兒童醫院實照)
熱浸鍍 5% 鋁鋅鋼板
Floor Decks of the Royal Children's Hospital in Melbourne, Australia
Hot-Dip 5% Al-Zn Coated Steel Sheet

15



溫室棚架管，熱浸鍍 5% 鋁鋅、鋅鋁鎂鋼板
Steel Tube Shacks for Greenhouse
Hot-Dip 5% Al-Zn / Zn-Al-Mg Coated Steel Sheet

17



溫室支架管，熱浸鍍 5% 鋁鋅、鋅鋁鎂鋼板
Steel Tube Supporters for Greenhouse
Hot-Dip 5% Al-Zn / Zn-Al-Mg Coated Steel Sheet

- Phuizer
- PhuizerZinc
- PhuizerFan
- PhuizerLume
- PhuizerGreen



18



樓承板及風管 (台北 101 大樓實照)
樓承板使用熱浸鍍 5% 鋁鋅鋼板，風管使用熱浸鍍鋅鋼板
Floor Decks & Ducting (Photo of Taipei 101 Building)
Floor Decks: Hot-Dip 5% Al-Zn Coated Steel Sheet
Ducting: Hot-Dip Galvanized Steel Sheet

20



樓承板，高雄市義享天地 (精品購物廣場、觀光飯店等)
熱浸鍍 5% 鋁鋅鋼板
Floor Decks of E Sky Land (Boutique Shopping Mall, Hotels, etc.), Kaohsiung
Hot-Dip 5% Al-Zn Coated Steel Sheet

19



高雄展覽館 (前稱：高雄世界貿易展覽會議中心)
樓承板，熱浸鍍鋅鋼板
經銷 / 佳德建材
Floor Decks of Kaohsiung Exhibition Center, Kaohsiung, Taiwan
Hot-Dip Galvanized Steel Sheet



台南成功大學孫運璿綠建築研究大樓風管
抗菌環保鋼板
The Y. S. Sun Green Building Research Center, Tainan, Taiwan
Anti-Microbial Metallic Coated Steel Sheet for Air Ducting



- *1 台灣內政部頒發之「鑽石級」最優等級綠建築標章
Diamond level, the highest level of green building certification mark EEWH, from Ministry of Interior, Taiwan
- *2 此研究大樓更獲得美國綠建築協會 LEED 最高「白金級」綠建築標章。
The center is also awarded the top certification mark LEED by the U.S. Green Building Council.



烤漆鋼捲用途與應用實績

Applications & Application References of
ColorZink, ColorFan & ColorLume

烤漆鋼板提供各種不同的色彩，適用於家電業之產品外殼，裝潢業之建材：屋頂、隔間、大樓面板、廠房、電梯面板……用途，更可生產 PVC 壓花或貼皮、白板、綠板、消光藝術鋼板、抗靜電烤漆鋼板、耐候潔淨烤漆鋼板、抗菌鋼板等之高級烤漆鋼捲。

ColorZink, ColorFan & ColorLume provide a wide variety of color suitable for electrical appliances, roofing, partitions, panels, factory buildings, elevator panels, and so on. Yieh Phui and Yieh Phui (China) also produce higher end products incorporating PVC embossing and lamination. Other products include white board/green board color sheet, Rough Matt/Neo Matt polyester color sheet, anti-electrostatic color sheet, high performance clean color sheet, anti-microbial color sheet, etc.



1
高雄科學園區(路竹)群創光電八廠，建築外牆
External Walls of Innolux Display Corp. LCD Fab., Kaohsiung Science Park, Luzhu, Taiwan



2
隔間面板
Partition



3
車庫門板
Garage Door



4
門板
Entry Door



5
洗衣機外殼
Washing Machine Case



6
液晶顯示器後蓋
Rear Cover of LCD Monitor

- ColorZink
- ColorFan
- ColorLume



7
雲林縣台塑石化工業輕油裂解廠廠房
高膜厚 PVDF 烤漆鋼板
Naphtha Cracking Plant, Formosa Petrochemical
Corporation, Yunlin, Taiwan
High Build PVDF Pre-Painted Steel Sheet



8
高雄市義大醫院空中走廊屋頂
PVDF 烤漆鋼板
Roofing of Sky Corridor, E-Da Hospital, Kaohsiung, Taiwan
Paint Type: PVDF



9
高雄市義大醫院國際微創手術訓練中心
室內隔間牆板，抗菌烤漆鋼板
International Minimally Invasive Surgery Training Center,
E-Da Hospital, Kaohsiung, Taiwan
Partition, Anti-Microbial Pre-Painted Galvanized Steel Sheet



10
台北捷運土城機廠屋頂，PVDF 烤漆鋼板
Roofing of Tucheng Depot of Taipei Rapid Transit Corp.,
Taiwan
Paint Type: PVDF



11
台灣高鐵高雄燕巢總機廠屋頂 / 側牆，PVDF 烤漆鋼板
Roofing/Siding of Taiwan High Speed Rail-Yenchao Main
Workshop, Kaohsiung, Taiwan
Paint Type: PVDF



烤漆鋼捲用途與應用實績

Applications & Application References of
ColorZink, ColorFan & ColorLume

12



高雄市前鎮區紅毛港小學屋頂，PVDF 烤漆鋼板

經銷 / 翊茂金屬 (股) 公司

承造 / 將達工程有限公司

Roofing of Kaohsiung Hongmaogang Primary School, Kaohsiung, Taiwan

Paint Type: PVDF

*1



13



高雄市那瑪夏區民權國民小學屋頂

3C PVDF 潔冷烤漆鋼板

經銷 / 翊茂金屬 (股) 公司

承造 / 長增股份有限公司

Roofing of Kaohsiung Namasia Mincyuan Elementary School, Kaohsiung, Taiwan

Paint Type: PVDF Clean ColorCool

*1



14



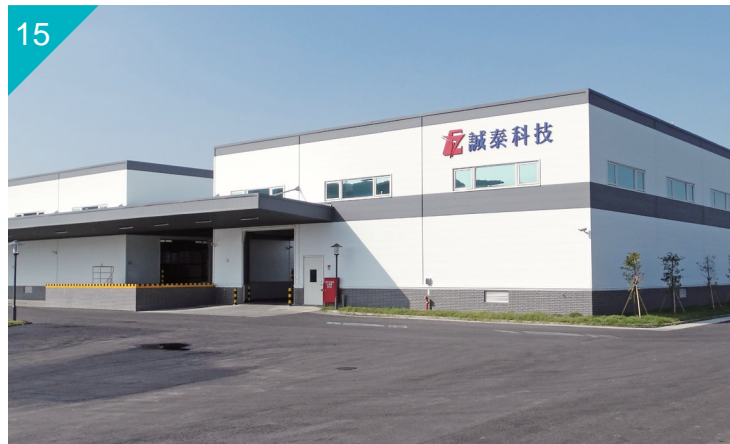
台南立峰井實業邊牆，晶紋漆烤漆鋼板

經銷 / 翊茂金屬 (股) 公司

Siding of Lih Feng Jiing Enterprise Co., Ltd., Tainan, Taiwan

Crystallite Silky Pre-Painted Steel Sheet

15



高雄科學園區誠泰工業科技 (股) 公司邊牆，晶紋漆烤漆鋼板

經銷 / 翊茂金屬 (股) 公司

Siding of Cherg Tay Technology Co., Ltd., Kaohsiung Science Park, Taiwan

Crystallite Silky Pre-Painted Steel Sheet

*1 台灣內政部頒發之「鑽石級」最優等級綠建築標章
Diamond level, the highest level of green building certification mark EEWH, from Ministry of Interior, Taiwan

- ColorZink
- ColorFan
- ColorLume

16



澎湖縣立游泳館屋頂 / 側牆，PVDF 烤漆鋼板
Roofing/Siding of Penghu County Swimming Pool, Penghu, Taiwan
Paint Type: PVDF

17



台南和鑫光電(股)公司 -- 南科廠屋頂 / 外牆，PVDF 烤漆鋼板
經銷 / 翦茂金屬(股)公司，承造 / 圓加有限公司
Roofing/Siding of HannsTouch Solution Incorporated--Tainan
Feb 2, Tainan, Taiwan
Paint Type: PVDF

18



高雄科學園區東台精機(股)公司室外三明治板
潔淨節能(3C)高耐磨耗(RA)及高耐磨耗(RA) PVDF 烤漆鋼板
Sandwich Panels for Outdoor Use at Tongtai Machine & Tool
Co., Ltd., Kaohsiung Science Park, Taiwan
Paint Type: RA PVDF & 3C-RA PVDF

19



台灣清華大學校友體育館屋頂 / 側牆，PVDF 烤漆鋼板
經銷 / 翦茂金屬(股)公司
承造 / 春野工程有限公司
Roofing/Siding of Alumni Gym, National Tsing Hua University, Hsinchu,
Taiwan
Paint Type: PVDF

20



高雄市東麗尖端薄膜廠房，2C 潔能烤漆鋼板
經銷 / 翦茂金屬(股)公司
承造 / 萬里鋼品(股)公司
Toray Advanced Film Kaohsiung Co., Ltd., Kaohsiung, Taiwan
Paint Type: SMP Clean ColorCool



烤漆鋼捲用途與應用實績

Applications & Application References of
ColorZink, ColorFan & ColorLume

21



台南榮鋼材料科技精煉廠屋頂 / 外牆，3C PVDF 潔冷烤漆鋼板
Roofing/Siding of Gloria Material Technology Corp., Tainan, Taiwan
Paint Type: PVDF Clean ColorCool

22



雲林聯達材料(股)公司屋頂 / 外牆，PE 烤漆鋼板
Roofing/Siding of Formosa Alloy Material Co., Ltd., Yunlin, Taiwan
Paint Type: PE

23



桃園縣東和鋼鐵企業(股)公司屋頂 / 外牆，PVDF 烤漆鋼板
Roofing/Siding of Tung Ho Steel Enterprise Corp., Taoyuan, Taiwan
Paint Type: PVDF

24



苗栗縣裕隆汽車廠，PVDF 烤漆鋼板
Plant Building of Yulon Motors, Miaoli, Taiwan
Paint Type: PVDF

25



高雄市光陽工業(股)公司屋頂，SMP 烤漆鋼板
Roofing of Kwang Yang Motor Co., Ltd., Kaohsiung, Taiwan
Paint Type: SMP

26



屏東農業生物科技園區側牆，PVDF 鋼板
Siding of Pingtung Agricultural Biotechnology Park, Taiwan
Paint Type: PVDF

- ColorZink
- ColorFan
- ColorLume



27



宜蘭市果菜批發市場辦公室屋頂
3C PVDF 潔冷烤漆鋼板
經銷 / 翊茂金屬 (股) 公司
承造 / 唐采邑實業有限公司
Office Roofing of Yilan City Fruit and Vegetable Wholesale Market,
Yilan, Taiwan
Paint Type: PVDF Clean ColorCool

28



日月光中壢廠房抗靜電無塵室，抗靜電烤漆鋼板
Clean Room of Advanced Semiconductor
Engineering Inc., Jungli, Taiwan
Anti-Electrostatic Polyester Pre-Painted Steel Sheet

29



美濃原鄉緣民俗村屋頂鋼瓦
PVDF 烤漆鋼板
Metal Tile of Meinung Folk Village, Kaohsiung, Taiwan
Paint Type: PVDF

30



基督教台南聖教會屋頂
PVDF 烤漆鋼板
Roofing of Tainan Holiness Church, Tainan, Taiwan
Paint Type: PVDF



烤漆鋼捲用途與應用實績

Applications & Application References of
ColorZink, ColorFan & ColorLume

31



台灣鐵路管理局台中車站屋頂，PVDF 烤漆鋼板
Roofing of Taichung Train Station of Taiwan Railways Administration
Paint Type: PVDF

32



台灣鐵路管理局斗六車站屋頂 / 側牆，PVDF 烤漆鋼板
Roofing/Siding of Douliou Station of Taiwan Railways Administration, Yunlin, Taiwan
Paint Type: PVDF

33



屏東縣潮州台鐵客車及機車維修廠屋頂 / 側牆，PVDF 烤漆鋼板
Roofing/Siding of Taiwan Railways Administration Chaozhou Coach Yard, Pingtung, Taiwan
Paint Type: PVDF

34



高雄港 122 號碼頭第三棟物流倉庫屋頂 / 側牆，PVDF 烤漆鋼板
經銷 / 士興集團
Roofing/Siding of the 3rd logistics warehouse at Dock No. 122, Port of Kaohsiung, Taiwan
Paint Type: PVDF

35



桃園長榮航太(股)公司第三飛機維修棚廠屋頂 / 側牆，PVDF 烤漆鋼板
Roofing/Siding of the 3rd Hangar of Evergreen Aviation Technologies Corp., Taoyuan, Taiwan
Paint Type: PVDF

- ColorZink
- ColorFan
- ColorLume



36



台南科學園區聯華電子(股)公司外牆，潔淨節能(3C)高耐磨耗(RA)PVDF 烤漆鋼板
經銷/ 嘉茂金屬(股)公司

External Walls of United Microelectronics Corporation (UMC), Tainan Science Park, Taiwan
Paint Type: 3C-RA PVDF

37



桃園 KWE 近鐵運通外牆—桃園航空貨運園區，RA PVDF 烤漆鋼板
經銷/ 嘉茂金屬(股)公司

Siding of Kintetsu World Express at Taoyuan International Airport,
Taoyuan, Taiwan
Paint Type: RA PVDF

39



新竹縣興隆國民小學屋頂，PVDF 烤漆鋼板
經銷/ 士興集團

Roofing of Hsing Lung Primary School, Hsinchu
County, Taiwan
Paint Type: PVDF

38



高雄科學園區熒茂光學(股)公司室外三明治板
晶紋漆烤漆鋼板，經銷/ 嘉茂金屬(股)公司

Sandwich Panels for Outdoor Use at Mildex Optical Inc., Kaohsiung
Science Park, Taiwan
Crystallite Silky Pre-Painted Steel Sheet



燁輝 (中國) 烤漆鋼捲用途與應用實績

Applications & Application References of
ColorZink, ColorFan & ColorLume of Yieh Phui (China)

40



中國大陸瀋陽桃仙機場
使用燁輝(中國) PVDF 烤漆鋼板
Sheyang Taoxian International Airport, China
Paint Type: PVDF

41



菲尼克斯電氣中國公司(南京)
使用燁輝(中國) PVDF 烤漆鋼板
承造 / 士興鋼結構有限公司
Phoenix Contact (China) Co., Ltd., Nanjing, China
Paint Type: PVDF

42



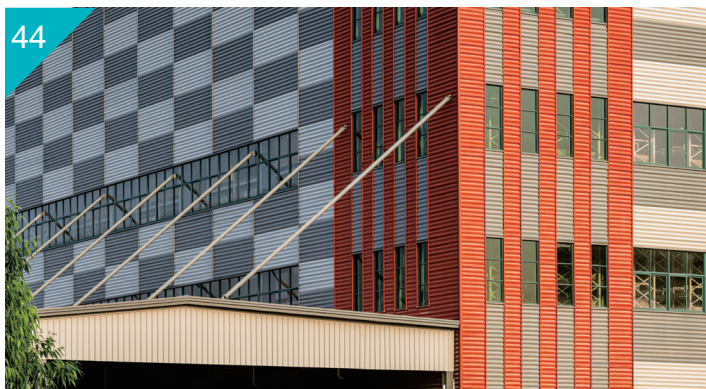
北京國藥物流有限責任公司
使用燁輝(中國) 烤漆鋼板
NPLC, China
Pre-Painted Metallic Coated Sheet

43



中國五冶(成都) 建築科技產業園
使用燁輝(中國) 晶紋漆鋼板
Construction Technology Industrial Park of China MCC5 Group
(Chengdu, China)
Crystallite Silky Prepainted Steel Sheet

44



廣東耀東華肇慶生產基地
使用燁輝(中國) 晶紋漆鋼板
Yaodonghua Zhaoqing Production Base in Guangdong
Crystallite Silky Prepainted Steel Sheet

45



河北誠仁堂醫藥連鎖有限公司
使用燁輝(中國) 晶紋漆鋼板
Chengrentang Pharmaceutical Chain in Hebei
Crystallite Silky Prepainted Steel Sheet

太陽光電系統案場工程實績

Application References of
Solar Photovoltaic System



1
桃園航空城 (屋頂型), 使用燁輝光支彩
Taoyuan Aerotropolis (Rooftop type)
Phuizer SolarKing



2
彰化二林 (大排, 地面型), 使用熱浸鍍 5% 鋁鎂鋅鋼板
Erlin Township, Changhua County (Ditch, Ground type)
Hot-Dip 5% Al-Mg-Zn Coated Steel Sheet



3
彰化田中 (大排, 地面型), 使用熱浸鍍 5% 鋁鎂鋅鋼板
Tianzhong Township, Changhua County (Ditch, Ground type)
Hot-Dip 5% Al-Mg-Zn Coated Steel Sheet



4
嘉義義竹鄉 (漁電共生型), 使用熱浸鍍 5% 鋁鎂鋅鋼板 (後噴塗漆)
Yizhu Township, Chiayi County (Fishery and Electricity Symbiosis)
Hot-Dip 5% Al-Mg-Zn Coated Steel Sheet (Post-painting)



5
台南七股區 (地面型), 使用熱浸鍍 5% 鋁鎂鋅鋼板
Qigu Dist., Tainan City (Ground type)
Hot-Dip 5% Al-Mg-Zn Coated Steel Sheet

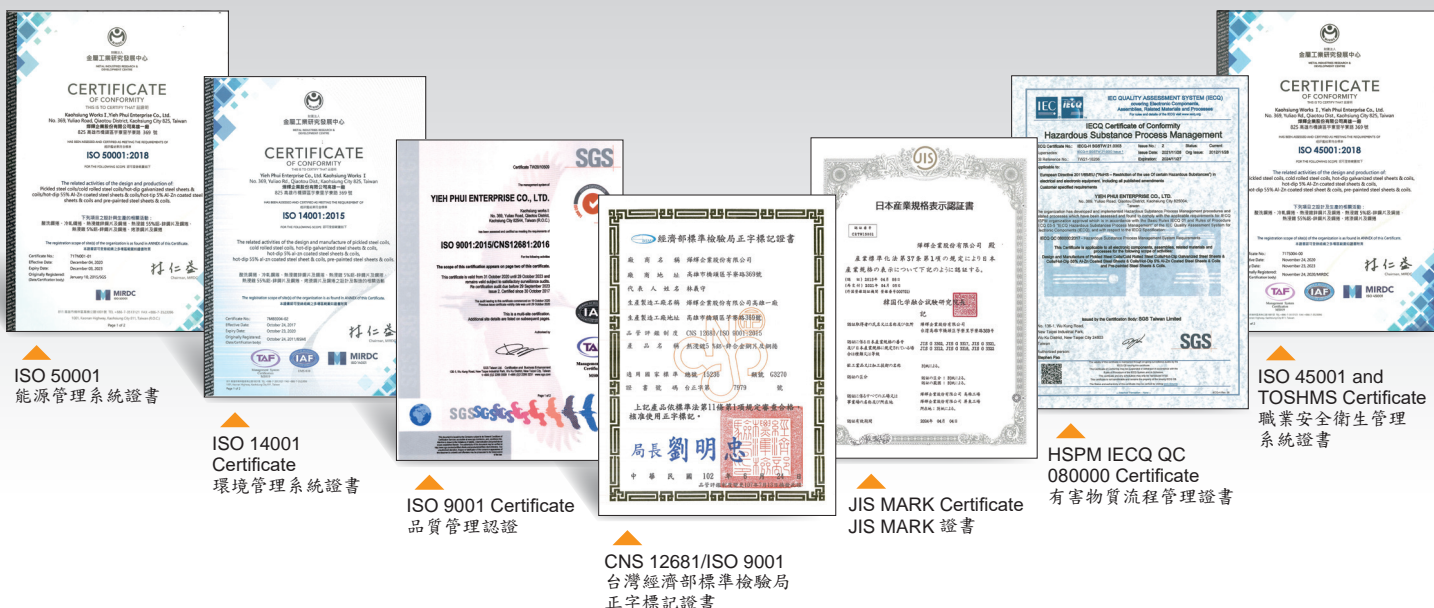


6
屏東佳冬鄉 (地面型), 使用燁輝光支彩
Jiadong Township, Pingtung County (Ground type)
Phuizer SolarKing

燁輝與燁輝 (中國) 之海內外認證

Certificates of Yieh Phui & Yieh Phui (China)

燁輝企業 全球同時獲得六項國際認證及CNS 認證的鋼鐵公司
YIEH PHUI—Own the six certificates at the same time and CNS 12681/ISO 9001:2008 in the world.



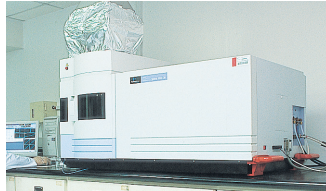
燁輝(中國) 中國大陸地區同時獲得七項國際認證的鋼鐵公司
YIEH PHUI (CHINA)—Own the seven certificates at the same time in Mainland China.



品質保證

Quality Assurance

燁輝為確保所產製之鋼捲達到客戶之使用要求，除建立一套完整、嚴密之品質管理制度外，更不惜投下鉅資，配合最新式之生產設備，購置各種精密之試驗檢測儀器，作為製程解析回饋改善之用，並設立技術部，提供客戶售前、售後服務以達到品質保證之目的，並提供研究發展之需。



● 感應耦合電漿放射光譜儀
Inductively Coupled Plasma
Optical Emission Spectrometer

並為強化燁輝之品保制度，特於1993年4月向日本通商產業省申請鍍鋅與烤漆鋼板兩項產品之日本工業規格表示 (JIS MARK) 承認工廠，6月間日本通產省官員蒞廠審查，同年8月正式通過，成為在最短時間內取得認可之工場。且於2009年8月取得新制鍍烤鋼捲「JIS MARK 表示制度」之認證。1999年11月取得ISO 9002品質管理系統驗證通過 (現已改為ISO 9001)，並於2007年6月取得HSPM IECQ QC 080000有害物質製程管理認證，是全球首家取得符合歐盟RoHS指令管理之鋼鐵公司。另於2009年2月分別取得新加坡BC1之BC1工廠生產管理認證，及2009年4月取得印尼國家標準SNI鍍面產品認證，2010年10月再取得馬來西亞標準(MS)之鍍烤鋼捲驗證，2011年6月及2012年3月分別取得中華民國標準檢驗局之熱浸鍍鋅、熱浸鍍5%鋁鋅合金、熱浸鍍55%鋁鋅合金、烤漆熱浸鍍鋅、烤漆熱浸鍍5%鋁鋅合金、及烤漆熱浸鍍55%鋁鋅合金鋼片及鋼捲之CNS正字標記。2014年12月抗菌環保鍍面鋼板通過經濟部工業局奈米標章產品驗證。

另技術部所轄之檢測實驗室於2015年9月通過財團法人全國認證基金會 (Taiwan Accreditation Foundation, TAF) 認證，並符合ISO/IEC 17025檢驗實驗室認證。由此可以證明燁輝產品之精良及品質保證作業體系之完整嚴密。

另燁輝 (中國) 係以燁輝企業的生產技術經驗而規劃興建，設備新穎，擁有世界知名廠商之最新式設備，並購置最新式之各項檢測儀器，加上燁輝嚴謹的品質管理體系，由優秀人員擔任生產管理，於2007年1月取得ISO 9001品質管理系統驗證通過，並於2008年10月取得HSPM IECQ QC 080000有害物質流程管理認證，是全球第二家取得符合歐盟RoHS指令管理之鋼鐵公司。另於2009年9月取得印尼國家標準SNI鍍烤鋼捲認證，及於2010年9月取得新加坡BC1工廠生產管理及產品認證，2011年6月再取得馬來西亞國家標準MS產品驗證，亦於2015年3月取得ISO/TS 16949品質管制體系汽車行業的特殊要求認證，故在品質方面已達到世界一流水準。此外，燁輝 (中國) 秉承永續發展理念，對產品及生產製程不斷進行改進，至2022年已獲得41項實用新產品專利。

Yieh Phui has established and implemented a comprehensive Quality Assurance program to ensure the quality of its products meeting customers' requirements. The company has also invested in cutting-edge on-line testing equipment and laboratory facilities for the analysis and improvement of the production processes. The Technology Division provides pre-sales and after-sales services for customers as a step in reaching the goals of its QA program and setting objectives for its R&D program.

Yieh Phui submitted an application for the JIS Mark for its hot-dip galvanized steel and pre-painted steel to the Japanese Ministry of International Trade and Industries (MITI) in April 1993. The JIS system certifies the quality of the material and the comprehensiveness of quality assurance system. Officers of MITI visited and surveyed the processes and the product quality of Yieh Phui in June and the company was then soon approved by MITI of Japan, to use the JIS Mark for its hot-dip galvanized and pre-painted steel in August 1993. Yieh Phui has obtained the new JIS MARK Certificate for coated steel in the shortest

time in August 2009. Yieh Phui, moreover, was also registered by ISO 9002 Quality System in

November 1999 (replaced by ISO 9001). Yieh Phui has obtained HSPM IECQ QC 080000 Certificate in June 2007, becoming the world's first steel mill to obtain the certificate applicable to the EU RoHS Directive for the management system of coated steel. Yieh Phui has obtained the factory production control certificate requirements of Singapore BC1, and Indonesia Certificate SNI for coated steel

in April 2009. In October 2012, Yieh Phui acquired Malaysian MS for coated steel.

Besides, In June 2011 and March 2012, the company received CNS 12681/ISO 9001 for hot-dip galvanized steel coils, hot-dip 5% Al-Zn coated

steel coils, hot-dip 55% Al-Zn coated steel coils, prepainted hot-dip galvanized steel coils, prepainted hot-dip 5% Al-Zn coated steel coils, and prepainted hot-dip 55% Al-Zn coated steel coils from Bureau of Standards, Metrology & Inspection (BSMI), MOEA, R.O.C. Yieh Phui Anti-Microbial Metallic Coated Steel Sheets passed the nanoMark certification and acquired the certificate from Industrial Development Bureau, MOEA, in Dec. 2014.

The Testing and Measurement Laboratory of Technology Division applied as accredited laboratory and has been recognized by Taiwan Accreditation Foundation (TAF) in Sep. 2015. The lab also complies with ISO/IEC 17025. This proves Yieh Phui's quality products and advanced process systems.

The quality assurance facilities of Yieh Phui (China) are based on Yieh Phui's technology experiences, the progressive



● TAF 財團法人
全國認證基金會
認可證書—燁輝
TAF Certificate -
Yieh Phui



● CNAS 中國合格實
驗室認可證書—燁
輝 (中國)
CNAS Laboratory
Accreditation
Certificate -
Yieh Phui
(China)

品質保證

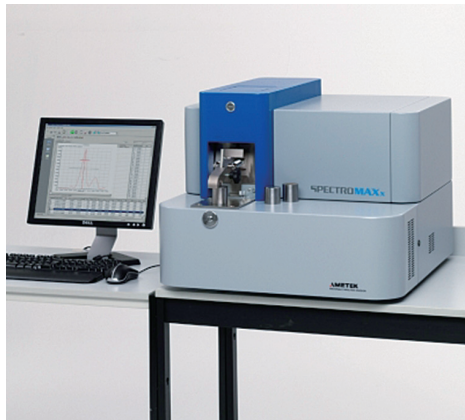
Quality Assurance

testing equipment, and quality management system. Yieh Phui (China) was also registered by ISO 9001 quality system in January 2007 and HSPM IECQ QC 080000 in October 2008, becoming the world's second steel mill to obtain the certificate applicable to the EU RoHS Directive for the management system of coated steel. Yieh Phui (China) also received Indonesia SNI marking certificates in September 2009. In Sep. 2010 and Jun. 2011, it also acquired Singapore BC1:2008

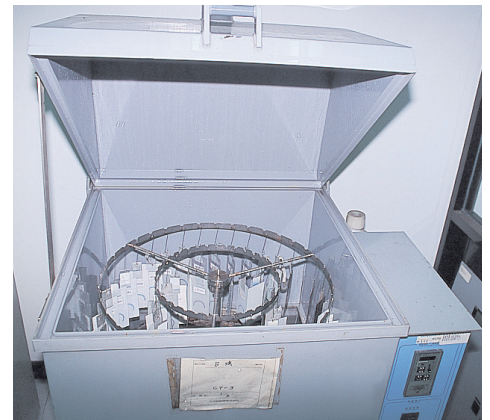
certificate and Malaysia MS Product Certification Licence for coated steel respectively. In March 2015, it acquired ISO/TS16949 quality management certification which applies to automotive-related products and service. The quality assurance of Yieh Phui (China) has achieved world level. Apart from that, Yieh Phui (China) improves its products and processes without interruption for sustainable development. It has received 41 practical utility model patents in 2022.



色彩分析儀
Color Spectrometer



火花放電分光儀
Spark Optical Emission Spectrometer



潤濕試驗機
Humidity Tester



CASS 試驗機
Copper Accelerated Acetic Acid
Salt Spray Tester



拉伸試驗機
Tensile Testing Machine



紫外線加速耐候試驗機
QUV Accelerated Weathering Tester

鍍面鋼捲規格

Specifications of PhuizerZinc,
PhuizerFan, PhuizerMax & PhuizerLume



燐輝生產尺寸規範
Yieh Phui range of product dimensions

鍍鋅鋼捲 Hot-dip Galvanized Steel Sheets, PhuizerZinc					
底材 類別 Base Type	材質 等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold- rolled Base	深沖級 Deep Drawing Steel	0.30	1.50	700	1534
	一般用 Commercial Steel	0.19	1.80	700	1538
	結構級 Structural Steel	0.19	2.00	700	1538
Hot- rolled Base	深沖級 Deep Drawing Steel	1.20	4.60	670	1300
	一般用 Commercial Steel				
	結構級 Structural Steel				

鍍 5% 鋁鋅與 5% 鋁鎂鋅鋼捲 Hot-dip 5%Al-Zn / 5%Al-Mg-Zn Coated Steel Sheets, PhuizerFan & PhuizerMax					
底材 類別 Base Type	材質 等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold- rolled Base	深沖級 Deep Drawing Steel	0.30	1.10	700	1220
	一般用 Commercial Steel	0.20	1.80	700	1280
	結構級 Structural Steel	0.20	2.00	700	1280
Hot- rolled Base	一般用 Commercial Steel	1.30	4.50	670	1280 (修邊 trimmed)
	結構級 Structural Steel				1260 (不修邊 untrimmed)

鍍 55% 鋁鋅鋼捲 Hot-dip 55%Al-Zn Coated Steel Sheets, PhuizerLume					
底材 類別 Base Type	材質 等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold- rolled Base	深沖級 Deep Drawing Steel	0.30	1.50	700	1534
	一般用 Commercial Steel	0.16	2.00	700	1538
	結構級 Structural Steel	0.20	2.00	700	1538

燐輝 (中國) 生產尺寸規範
Yieh Phui (China) range of product dimensions

鍍鋅鋼捲 Hot-dip Galvanized Steel Sheets, PhuizerZinc					
底材 類別 Base Type	材質 等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold- rolled Base	深沖級 Deep Drawing Steel	0.25	2.00	680	1600
	一般用 Commercial Steel	0.17	3.00	670	1650
	結構級 Structural Steel	0.23	3.00	700	1300
Hot- rolled Base	深沖級 Deep Drawing Steel	1.50	3.00	700	1300
	一般用 Commercial Steel				
	結構級 Structural Steel				

鍍 5% 鋁鎂鋅鋼捲 Hot-dip 5%Al-Mg-Zn Coated Steel Sheets, PhuizerMax					
底材 類別 Base Type	材質 等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold- rolled Base	深沖級 Deep Drawing Steel	0.25	2.20	700	1550
	一般用 Commercial Steel	0.23	3.00	700	1550
	結構級 Structural Steel	0.23	3.00	700	1550

鍍 55% 鋁鎂鋅鋼捲 Hot-dip 55%Al-Mg-Zn Coated Steel Sheets, PhuizerGLAM					
底材 類別 Base Type	材質 等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold- rolled Base	深沖級 Deep Drawing Steel	0.30	1.20	700	1285
	一般用 Commercial Steel	0.17	2.00	700	1300
	結構級 Structural Steel	0.22	2.00	700	1300

※ 表列為最大產製尺寸範圍，詳細可接單尺寸請洽業務單位
The tables above show the widest range of product dimensions. For detailed acceptable order range, please contact YP sales division.

鍍面鋼捲規格

Specifications of PhuizerZinc,
PhuizerFan, PhuizerMax & PhuizerLume

可生產製品規範表 Product Specifications

品名 Product Name		熱浸鍍鋅鋼捲 (美利新) Hot-dip galvanized steel coil (PhuizerZinc)						
規格 Specifications		CNS 1244 2013		JIS G 3302 2019		ASTM A653M 2017	AS1397 2011	EN 10346 2015
		熱軋底材 Hot-rolled Base: SGHC SGHD SGH 340 400 440 490 540	冷軋底材 Cold-rolled Base: SGCC SGCD 1~3 SGC 340 400 440 490 570	熱軋底材 Hot-rolled Base: SGHC SGHD SGH 340 400 440 490 540	冷軋底材 Cold-rolled Base: SGCC SGCD 1~3 SGC 340 400 440 490 570	DS DDS CS TYPE A, B, C FS TYPE A, B SS GRADE 33(230) 37(255) 40(275) 50(340)CLASS 1~3 80(550)CLASS 1~3	G1~G3 G250 300 350 400 450 550	DX51-52-53D S220GD (250) 280 320 350 550)
底材厚度 (mm) Base Steel Thickness (mm)	燐輝 Yieh Phui	1.2~4.60	SGCD1~3: 0.27~2.0mm SGCC/SGC: 0.19~2.0mm	1.2~4.60	SGCD1~3: 0.27~2.0mm SGCC/SGC: 0.19~2.0mm	DS/DDS: 0.27~2.0mm CS/FS: 0.19~4.50mm SS GRADE 33~80: 0.19~4.50mm	G1: 0.19~4.50mm G2&G3: 0.27~2.0mm G250~550GD: 0.19~4.6mm	DX51D: 0.19~4.50mm DX52~53D: 0.27~2.0mm S220~550GD: 0.19~4.6mm
	燐輝 Yieh Phui (China)	--	--	--	SGCC, SGC340: 0.18~3.0mm; SGCD1~3: 0.25~2.0mm; SGC400, 440: 0.229~3.0mm; SGC490: 1.8~3.0mm; SGC570: 0.229~2.2mm	CS TYPE A, B, C, Grade 33, 37: 0.18~3.0mm; FS TYPE A, B: 0.295~2.0mm; DDS: 0.25~2.0mm; Grade 40, 50: 0.229~3.0mm; Grade 55(380): 0.35~3.0mm; Grade 60(410): 0.47~1.6mm; Grade 65(450): 0.6~3.0mm; Grade 80: 0.229~2.2mm	G1, G250: 0.18~2.02mm; G300: 0.229~2.3mm; G350: 0.229~3.0mm; G450: 0.6~3.0mm; G500: 1.1~2.5mm; G550: 0.229~2.2mm	DX51D, S220GD, S250GD: 0.18~2.02mm; DX52D: 0.295~2.0mm; DX53D, 54D: 0.25~2.0mm; S280GD, S350GD: 0.229~3.0mm; S320GD: 0.229~2.3mm; S550GD: 0.229~2.2mm
鍍層量 Coating Mass	一般鋅花 (註: 厚度 0.60mm 以上) Regular Spangle (Note: thickness above 0.60mm)	Z08 Z09 Z10 Z12 Z14 Z18 Z20 Z22 Z25 Z27		Z08 Z10 Z12 Z14 Z18 Z20 Z22 Z25		Z90 Z120 Z180 Z275 Z305 Z350 Z450 Z500 Z550 Z600	Z100 Z200 Z275 Z350 Z450 Z600	Z100 Z140 Z200 Z225 Z275 Z350 Z450 Z600
	微細鋅花 Minimized (Zero) Spangle	Z30 Z35 Z37 Z45 Z50 Z55 Z60		Z27 Z35 Z37 Z45 Z60				
表面精整 Surface Finish		一般鋅花、微細 (無) 鋅花、超平滑表面 Regular Spangle, Minimized (Zero) Spangle, Extra-Smooth						
表面處理 Surface Treatment		鉻酸、塗油、有機樹脂 (耐指紋塗膜) 或環保有機樹脂 (環保耐指紋塗膜) 處理 Chromating, Oiled, Resin Coated (Anti-Fingerprint), or Green Treatment (Environmentally Friendly Anti-Fingerprint)						
備註 Remarks		1. 厚度、寬度、平坦度……等之公差容許範圍，依各製品規範之要求。 2. 對各種表面精整厚度 2.0mm 以下，可再實施調質處理。 3. 客戶訂購厚度未滿 1.6mm 之 JIS G 3302 HGI 製品，其規格要求比照厚度 1.6mm JIS G3302 HGI 製品之規定。 4. 鋼捲內徑為 508 或 610mm；外徑之最大容許值為 2000mm。 5. 不在上述範圍之產品，如尺寸、鍍層、規格等，請以個案詢問專案開發方式進行。經客我協商後，燐輝亦可提供國際規範以外之鍍層量。 6. 表列鍍層量 Z08、Z09、Z90 僅適用冷軋底材 GI 產品。						
		1. Tolerance for thickness, width, flatness and so on conforms to individual product specification. 2. All products with thickness 2.0mm and under can be skinpassed. 3. The specification for thicknesses under 1.6mm for hot-rolled base metal according to JIS G 3302 will be the same as for thicknesses 1.6mm. 4. Coil inside diameters can be either 508mm or 610mm. Maximum coil outside diameter is 2000mm. 5. Please make inquires to our sales division for products with special specifications. Coating mass beyond the specifications above can be provided by YP upon mutual agreement between customer and us. 6. Coating mass Z08, Z09 and Z90 only apply for cold-rolled base metal.						



燐輝鋁鋅鳳 (GF) 與鋁鎂鳳 (GM) 鋼捲規格與尺寸 YP PhuizerFan & PhuizerMax Specifications

品名 Product Name	規格 Specifications	底材厚度 Base Steel Thickness (mm)	鍍層量 Coating Mass
鋁鋅鳳、 鋁鎂鳳鋼捲 PhuizerFan & PhuizerMax	CNS 15236 (2013)	SZACC	0.20 - 1.5
		SZACD1	0.3 - 1.1
		SZAC340 SZAC400 SZAC440 SZAC490	0.3 - 1.25
		SZAH340 SZAH400 SZAH440 SZAH490	1.3 - 4.5
	JIS G 3317 (2019)	SZAC570	0.75 - 2.0
		SZACC	0.2 - 1.5
		SZACD1	0.3 - 1.1
		SZAC340 SZAC400 SZAC440 SZAC490	0.3 - 1.25
	ASTM A/875A 875M (2013)	SZAH340 SZAH400 SZAH440 SZAH490	1.3 - 4.5
		SZAC570	0.75 - 2.0
		Commercial Steel Type A B C	0.2 - 4.5
		Forming Steel Type A B	0.2 - 1.5
	AS 1397 (2021)	DDS	0.3 - 1.1
		Structural Steel Grade 230 255 275 340	0.3 - 4.50
		Structural Steel Grade 550	0.75 - 2.0
		G1	0.2 - 4.5
	EN 10346 (2015)	G2	0.2 - 1.5
		G3	0.3 - 1.1
		G250 G300 G350	0.2 - 4.5
		G450	0.6 - 1.75
	EN 10346 (2015)	G500	1.0 - 1.75
		G550	0.75 - 2.0
		DX51D	0.20 - 4.5
		DX52D	0.20 - 1.5
	EN 10346 (2015)	DX53D	0.3 - 1.1
		S220GD S250GD S280GD S320GD S350GD	0.30 - 4.5
		S420GD S450GD	1.55 - 4.5
		S550GD	0.75 - 2.0
表面精整 Surface Finish	一般鍍 5% 鋁鋅鋅花、微細鋅花 ¹ Regular Spangle, Minimized Spangle ¹		
表面處理 Surface Treatment	鉻酸或塗油或有機樹脂 (耐指紋塗膜) 處理 Chromating Treatment, Oiled or Resin Coated (anti-fingerprint)		
備註 Remarks	1. 鋅花大小直徑 3mm 以上為一般鋁鋅鳳、鋁鎂鳳鋅花，3mm 以下為微細鋅花。 2. 厚度、寬度、平坦度……等之公差容許範圍，依各製品規範之要求。 3. 對各種表面精整厚度 2.0mm 以下，可再實施調質處理。 4. 客戶訂購厚度未滿 1.6mm 之 JIS G 3323 HGI 製品，其規格要求比照厚度 1.6mm JIS G 3323 HGI 製品之規定。 5. 鋼捲內徑為 508 或 610mm；外徑之最大容許值為 2000mm。 6. 不在上述範圍之產品，如尺寸、鍍層、規格等，請以個案詢問專案開發方式進行。		
	1. Spangle diameter above 3mm is regular spangle. Under 3mm is minimized spangle. 2. Tolerance for thickness, width, flatness and so on conforms to individual product specification. 3. All products with thickness 2.0mm and under can be skinpassed. 4. The specification for thicknesses under 1.6mm for hot-rolled base metal according to JIS G 3323 will be the same as for thicknesses 1.6mm and above. 5. Coil inside diameters can be either 508mm or 610mm. Maximum coil outside diameter is 2000mm. 6. Please make inquires to our Sales & Marketing Division for products with special specifications.		

鍍面鋼捲規格

Specifications of PhuizerZinc,
PhuizerFan, PhuizerMax & PhuizerLume

燁輝 (中國) 鋁鎂鳳 (GM) 鋼捲規格與尺寸 YPC PhuizerMax Specifications

品名 Product Name	規格 Specifications	底材厚度 Base Steel Thickness(mm)	鍍層量 Coating Mass
鋁鎂鳳 (熱浸鍍 5% 鋁鎂鋅) 鋼捲 PhuizerMax (5%Al-Mg-Zn Coated Steel Coil)	JIS G 3323 (2019)	SGMHC SGMH 340 400 400Y 440 440Y 490	1.60 - 2.00
		SGMC 570	0.20 - 2.00
		SGMC 400 440 440Y	0.35 - 2.00
		SGMCC SGMC 340 400Y	0.25 - 2.20
		SGMCD1	0.40 - 2.20
	ASTM A1046M (2019)	Commercial Steel Type A B C	0.25 - 2.20
		Forming Steel Type A B	0.40 - 2.20
		DDS	0.40 - 2.20
		Structural Steel Grade 230 255	0.25 - 2.20
		Structural Steel Grade 275 340 (Class 1&4) 380	0.35 - 2.00
		Structural Steel Grade 410	0.55 - 1.60
		Structural Steel Grade 550	0.20 - 2.00
	AS 1397 (2021)	G2 G3	0.40 - 2.20
		G1 G250	0.25 - 2.20
		G300 G350 G450 G500 G550	0.35 - 2.00
	EN 10346 (2015)	DX51D S220GD S250GD	0.25 - 2.20
		DX52D DX53D	0.40 - 2.20
		S280GD S320GD S350GD	0.35 - 2.00
		S550GD	0.20 - 2.00
表面精整 Surface Finish	微細鋅花 ¹ Minimized Spangle ¹		
表面處理 Surface Treatment	鉻酸或塗油或有機樹脂 (耐指紋塗膜) 處理 Chromating Treatment, Oiled or Resin Coated (anti-fingerprint)		
備註 Remarks	1. 鋅花大小 3mm 以下為微細鋅花。 2. 厚度、寬度、平坦度……等之公差容許範圍，依各製品規範之要求。 3. 對各種表面精整厚度 2.0mm 以下，可再實施調質處理。 4. 客戶訂購厚度未滿 1.6mm 之 JIS G 3323 HGI 製品，其規格要求比照厚度 1.6mm JIS G 3323 HGI 製品之規定。 5. 鋼捲內徑為 508 或 610mm；外徑之最大容許值為 2000mm。 6. 不在上述範圍之產品，如尺寸、鍍層、規格等，請以個案詢問專案開發方式進行。 1. Spangle diameter under 3mm is minimized spangle. 2. Tolerance for thickness, width, flatness and so on conforms to individual product specification. 3. All products with thickness 2.0mm and under can be skinpassed. 4. The specification for thicknesses under 1.6mm for hot-rolled base metal according to JIS G 3323 will be the same as for thicknesses 1.6mm and above. 5. Coil inside diameters can be either 508mm or 610mm. Maximum coil outside diameter is 2000mm. 6. Please make inquires to our Sales & Marketing Division for products with special specifications.		




可生產製品規範表 Product Specifications

品名 Product Name		熱浸鍍 55% 鋁鋅鋼捲 (鋁鋅龍) Hot-dip 55%Al-Zn coated steel coil (PhuizerLume)															
規格 Specifications		CNS 15237 2013			JIS G 3321 2017			ASTM A792M 2010			AS 1397 2021			EN10346 2015			
		SGLCD SGLCDD	SGLCC	SGLC340 SGLC400 SGLC440 SGLC490 SGLC540 SGLC570	SGLCD SGLCDD	SGLCC	SGLC400 440 570	CS Type A B C FS	DS	SS Grade 230 255 275 340 550	G3	G1 G2	G250 G300 G350 G450 G500 G550	DX51D	DX52D DX53D	S220GD S250GD S280GD S320GD S350GD	S550GD
底材厚度 (mm) Base Steel Thickness (mm)	燐輝 Yieh Phui	0.3 1.5	0.16 2.0	0.2 2.0	0.3 1.5	0.16 2.0	0.20 2.0	0.16 2.0	0.30 1.5	0.20 2.0	0.3 1.5	0.16 2.0	0.2 2.0	0.16 2.0	0.3 1.5	0.20 2.0	0.20 2.0
	燐輝 Yieh Phui (China)	--	--	--	SGLCC, SGLC340: 0.17~2.02mm; SGLCD1~3: 0.3~1.4mm; SGLC400: 0.2~1.5mm; SGLC440: 0.2~2.0mm; SGLC570: 0.17~2.0mm			CS Type A, B, C, Grade 230, 255: 0.17~2.02mm; FS Type A, B: 0.295~1.6mm; DS: 0.3~1.4mm; SS Grade 275: 0.22~1.5mm; SS Grade 340: 0.2~2.0mm; SS Grade 550: 0.17~2.0mm			G1, G250: 0.17~2.02mm; G300: 0.28~1.5mm; G350: 0.2~2.0mm; G450: 0.6~1.5mm; G500, G550: 0.17~2.0mm			DX51D, S220GD, S250GD: 0.17~2.02mm; DX52D: 0.295~1.6mm; DX53D, 54D: 0.3~1.4mm; S280GD: 0.22~1.5mm; S320GD, S350GD: 0.2~2.0mm; S550GD: 0.17~2.0mm			
鍍層量 Coating Mass	一般鋅花 Regular Spangle	AZ70 AZ90 AZ100 AZ120 AZ150 AZ170 AZ185			AZ70 AZ90 AZ120 AZ150 AZ170 AZ185			AZM100 AZM110 AZM120 AZM150 AZM165 AZM180			AZ150			AZ 100 AZ 150 AZ 185			
表面精整 Surface Finish		一般鍍 55% 鋁鋅鋅花 Regular Spangle															
表面處理 Surface Treatment		鉻酸、塗油、有機樹脂 (耐指紋塗膜) 或環保有機樹脂 (環保耐指紋塗膜) 處理 Chromating, Oiled, Resin Coated (Anti-Fingerprint), or Green Treatment (Environmentally Friendly Anti-Fingerprint)															
備註 Remarks		1. 厚度、寬度、平坦度……等之公差容許範圍，依各製品規範之要求。 2. 對各種表面精整厚度 2.0mm 以下，可再實施調質處理。 3. 鋼捲內徑為 508 或 610mm；外徑之最大容許值為 2000mm。 4. 不在上述範圍之產品，如尺寸、鍍層、規格等，請以個案詢問專案開發方式進行。經客我協商後， 燐輝亦可提供國際規範以外之鍍層量。															
		1. Tolerance for thickness, width, flatness and so on conforms to individual product specification. 2. All products with thickness 2.0mm and under can be skinpassed. 3. Coil inside diameters can be either 508mm or 610mm. Maximum coil outside diameter is 2000mm. 4. Please make inquires to our sales division for products with special specifications. Coating mass beyond the specifications above can be provided by YP upon mutual agreement between customer and us.															

烤漆鋼捲規格

Specifications of ColorZink, ColorFan & ColorLume

 燁輝生產尺寸範圍
Yieh Phui range of product dimensions

產品別 Product	材質等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width		塗料樹脂類別 Paint Type
		起 From	迄 To	起 From	迄 To	
彩色新烤漆產品 ColorZink	深沖級 (Deep Drawing Steel)	0.30	1.50	700	1534	PE SMP PVDF PU
	一般用 (Commercial Steel)	0.17	1.50	700	1538	
	結構級 (Structural Steel)	0.20	1.50	700	1538	
彩色鳳烤漆產品 ColorFan	深沖級 (Deep Drawing Steel)	0.30	1.25	700	1250	
	一般用 (Commercial Steel)	0.20	1.40	700	1280	
	結構級 (Structural Steel)	0.20	1.35	700	1260	
彩色龍烤漆產品 ColorLume	深沖級 (Deep Drawing Steel)	0.30	1.25	700	1250	
	一般用 (Commercial Steel)	0.17	1.50	700	1538	
	結構級 (Structural Steel)	0.20	1.50	700	1538	
PVC 壓花烤漆產品 PVC embossing	一般用 (Commercial Steel)	0.25	1.25	700	1250	PVC
	結構級 (Structural Steel)	0.30	1.25	700	1250	

 燁輝 (中國) 生產尺寸範圍
Yieh Phui (China) range of product dimensions

產品別 Product	材質等級 Grade	厚度範圍 (mm) Thickness		寬度範圍 (mm) Width		塗料樹脂類別 Paint Type
		起 From	迄 To	起 From	迄 To	
彩色新烤漆產品 ColorZink	深沖級 (Deep Drawing Steel)	0.40	1.20	600	1550	PE SMP PVDF PU
	一般用 (Commercial Steel)	0.23	2.00	600	1550	
	結構級 (Structural Steel)	0.23	1.30	600	1550	
彩色鳳烤漆產品 ColorFan	深沖級 (Deep Drawing Steel)	0.40	1.20	600	1550	
	一般用 (Commercial Steel)	0.23	2.00	600	1550	
	結構級 (Structural Steel)	0.23	1.30	600	1550	
彩色龍烤漆產品 ColorLume	深沖級 (Deep Drawing Steel)	0.40	1.20	600	1550	
	一般用 (Commercial Steel)	0.23	2.00	600	1550	
	結構級 (Structural Steel)	0.23	1.30	600	1550	

※ 表列為最大產製尺寸範圍，詳細可接單尺寸請洽業務單位

The tables above show the widest range of product dimensions. For detailed acceptable order range, please contact YP sales division.



■ 可生產製品規範表 Product Specifications

產品種類 Product Type	烤漆種類 Coating Type	成品規格 Product Spec.	塗層厚度 Coating Thickness	表面加工處理 Surface Treatment
I. 鍍鋅烤漆鋼捲 (彩色新) Pre-painted hot-dip galvanized steel coil (ColorZink)	1. 聚酯樹脂 (PE)	CNS 10804 (2013) CNS 15298 (2013) CNS 15299 (2013)	底漆：聚氨基酯或 環氧樹脂 5 μ m 面漆：15-20 μ m 背底漆：聚氨基酯或 環氧樹脂 2 μ m 背面漆：聚氨基酯或環氧樹脂 5- 12 μ m Primer: PU or Epoxy 5 μ m Topcoat: 15-20 μ m Back Primer: PU or Epoxy 2 μ m Back Coat: PE or Epoxy 5-12 μ m	保護膜 Protective film can be applied 金屬壓花 杉木紋 泥面紋 皮革紋 Metal Embossed Cedar wood Stucco Leather
II. 鍍 5% 鋁鋅烤漆鋼捲 (彩色鳳) Pre-painted 5% Al-Zn coated steel coil (ColorFan)	2. 矽質強化聚酯樹脂 (SMP)	JIS G3312 (2019) CGCC CGCD1~3 CGC340 CGC400 CGC440 CGC490 CGC570		
III. 鍍 55% 鋁鋅烤漆鋼捲 (彩色龍) Pre-painted 55% Al-Zn coated steel coil (ColorLume)	3. 壓克力樹脂 (ACRYLIC)	JIS G3318 (2019) CZACC CZACH CZACD1 CZAC340 CZAC400 CZAC440 CZAC490 CZAC570		
IV. 鍍 5% 鋁鎂鋅烤漆鋼捲 (彩鎂鳳) Pre-painted 5% Al-Mg- Zn coated steel coil (ColorMax)	4. 氟碳樹脂 (PVDF)	JIS G3322 (2019) CGLCC CGLCD CGLC400 CGLC440 CGLC490 CGLC570 ASTM A755M (2018) AS 2728 (2013) EN 10169+A1 (2010)		
V. 塗層壓花烤漆鋼捲 Pre-painted embossed steel coil	5. 聚氯乙炔可塑溶膠塗料 (PVC PLASTISOL)	JIS K6744 (2007) SG SA ASTM A755M (2016) EN 10169+A1 (2010)	底漆：環氧樹脂 面漆：PVC PLASTISOL 150-250 μ m 背底漆：聚氨基酯或 環氧樹脂 2 μ m 背面漆：PVC 可塑溶膠 塗料 100-250 μ m 或環氧塗料 7 μ m Primer: Epoxy Topcoat: PVC PLASTISOL 150- 250 μ m Back Primer: PU or Epoxy 2 μ m Back Coat: PVC PLASTISOL 100 - 250 μ m or Epoxy 7 μ m	PVC 壓花 獸皮紋 荔枝紋 PVC Embossed Leather Lichee

備註 ■ 表列 ASTM 規格為公制，其英制規格 (在規格代號後不加 M，如 A755、A792) 亦可生產。

■ 塗層厚度僅供參考。

Remarks : ■ The ASTM standards presented here adopt the equivalent metric system. (The imperial system deletes the “M” after their specification number, such as A755 and A792.)

■ Coating thickness is for reference only.

訂購須知

Ordering Information

燐輝／燐輝 (中國) 鋼捲具有多樣尺寸與適用於多種用途，客戶可依鋼捲尺寸、品質與用途之需求訂購適用之鋼捲。


客戶於訂購前或使用本公司鋼捲後，如遇有品質上之疑問時，請與公司技術服務單位連絡。

另外客戶如欲訂購燐輝綠色環保鋼捲 (HSF, Hazardous Substance Free)，除 RoHS 要求外，若有其他法規或指令要求，應先提出經燐輝技術部審議確認，並提供合適之燐輝綠色環保鋼捲 (HSF) 規格。

Yieh Phui's products are available in a broad range of sizes and qualities for various applications. A customer can select a product with a size and specifications suitable to his needs in order to achieve the best cost effectiveness.

Should you have any questions regarding specifications, please contact our Technical Service Div. Following are examples of the information required.


If a customer requires HSF (Hazardous Substance Free) products, and they must comply with a specific regulation except RoHS Directive, our Technology Div. will study it and provide appropriate Yieh Phui HSF specifications.

 熱浸鍍鋅／鍍 5% 鋁鋅／鍍 5% 鋁鎂鋅／鍍 55% 鋁鋅鋼捲訂購時請註明下列事項：

When ordering our PhuizerZinc/PhuizerFan/PhuizerMax/PhuizerLume steel sheets, please specify the following items.

項次 Item	註明項目 Information	範例 Example
1	品名 (鍍鋅 / 鍍 5% / 鍍 55% 鋁鋅鋼板) Commodity (Zinc, 5% Al-Zn or 55% Al-Zn coated steel sheet)	鍍鋅鋼板 PhuizerZinc
2	規格記號 (JIS、ASTM、EN 或其他規格) Specification designation (JIS, ASTM, EN or others)	JIS G3302-2012 SGCC
3	鍍層表面精整 (一般 / 微細鋅花 / 或超平滑表面) Surface finish (Regular/Minimized (zero) / Extra smooth)	一般鋅花 Regular spangle
4	鍍層量 Coating mass designation	Z27
5	等鍍或差鍍 Equivalent or differential coating	等鍍 Equivalent coating
6	表面處理 (鉻酸 / 有機樹脂 / 環保) Surface treatment (chromating/organic resin/green)	鉻酸處理 Chromating treatment
7	塗油 Oiled	不塗油 Not oiled
8	尺寸 (厚度×寬度 mm) Dimensions (thickness × width mm)	1.20mm×1219mm×coil
9	重量 (理論或實磅重量或 ASTM 之理論最小重量) Weight (theoretical or actual weight or ASTM TMW)	實磅重量 Actual weight
10	單捲限重 (最小與最大) (噸) Minimum & maximum coil weight (metric tonnes)	單捲限重 5~10 噸 Coil weight: 5~10 mt
11	鋼捲內徑 (508mm 或 610 mm) Coil internal diameter (mm)	about 508mm
12	鋼捲外徑 (最大) Max. coil external diameter (mm)	1000 mm
13	用途 Application	風管 Duct
14	加工方式或後續表面處理 Processing method	輥輪成形 Roll forming
15	訂購數量 (噸) Order volume (metric tonnes)	150 噸 150 mt
16	交貨期 Delivery date	2022.06
17	標示 Labelling	依燐輝公司／燐輝 (中國) 公司標準 Yieh Phui / Yieh Phui (China) mill standard
18	包裝方式 Packaging	依燐輝公司／燐輝 (中國) 公司標準 Yieh Phui/Yieh Phui (China) mill standard
19	特殊要求 Special requirements, if any	—




 烤漆產品訂購時請註明下列事項：
 When ordering our ColorZink/ColorFan/ColorLume prepainted steel sheet, please specify the following items.

項次 Item	註明項目 Information	範例 Example
1	品名 (烤漆 / 壓花) Commodity (pre-painted/embossed)	烤漆鋼板 ColorFan
2	規格記號 (JIS、ASTM、EN 或其他規格) Specification designation (JIS, ASTM, EN or others)	G3318-2012 CZACC
3	保證等級 (僅適用於 JIS 規格) Durability designation (solely for JIS)	20
4	底材鍍層量 Coating mass designation	Y18
5	尺寸 (厚度×寬度 mm) Dimensions (thickness×width mm)	0.326mm×1200mm×coil
6	環保處理 Green treatment	—
7	重量 (理論或實磅重量或 ASTM 之理論最小重量) Weight (theoretical or actual weight or ASTM TMW)	實磅重量 Actual weight
8	塗料種類 (正面漆 // 背面漆) Paint type (topcoat // backcoat)	聚酯樹脂 // service PE//service
9	顏色 (正面漆 // 背面漆) ※ 參考本公司顏色代號 Color (topcoat // backcoat) ※ See YP's color codes	3543 // 3854
10	塗膜厚度 (正面漆 // 背面漆) Paint thickness (topcoat // backcoat)	25 μm // 10 μm
11	光澤度 (60° 反射角) Gloss (60° reflection angle)	35GU
12	用途 Application	室外三明治板 (背面層黏貼) sandwich panels for outdoor application
13	保護膜 Protective film	—
14	標示 Labelling	—
15	包裝方式 Packaging requirement	依燁輝公司 / 燁輝 (中國) 公司包裝標準 Yieh Phui / Yieh Phui (China) mill standard
16	鋼捲內徑 (508mm 或 610mm) Coil internal diameter	about 508mm
17	最大鋼捲外徑 (mm) Max. coil external diameter (mm)	—
18	單捲限量 (最小與最大) (噸) Minimum & maximum coil weight (metric tonnes)	單捲限重 3~5 噸 Coil weight: 3~5 mt
19	訂購數量 (噸) Order volume (metric tonnes)	70 噸 70 mt
20	交貨期 Delivery date	2018.08
21	特殊要求 Special requirements, if any	—

備註： ■ “//” 表底材，3543 // 3854 表示正面漆為碧藍色 3543，背面漆為鷺鷥白 3854。

■ “service” 表不要求。

■ 客戶可提供顏色樣本以供本公司生產時參考。

Remarks: ■ “//” represents base material, for example: 3543 // 3854 represent the color of the topcoat as Emerald Blue 3543 and the backcoat as Egret White 3854.

■ “Service” represents “YP service coating, normally 5-7μm”.

■ Please provide sample sheets for color matching.

包裝及標示

Packaging and Labelling

所有的燁輝／燁輝(中國)產品在出廠前均依本公司之標準或客戶指定的方式予以包裝，以減低在搬運儲放時可能遭受的損壞。此外在產品的外包裝上並加以明確地標示，以便輕易地辨別該產品的身份及相關規格資料。

All products are packed in accordance with Yieh Phui /Yieh Phui (China) standard packaging specifications, unless otherwise specified by the customer in order to minimize damage during storage and transportation.

內銷包裝範例 Packaging for domestic market



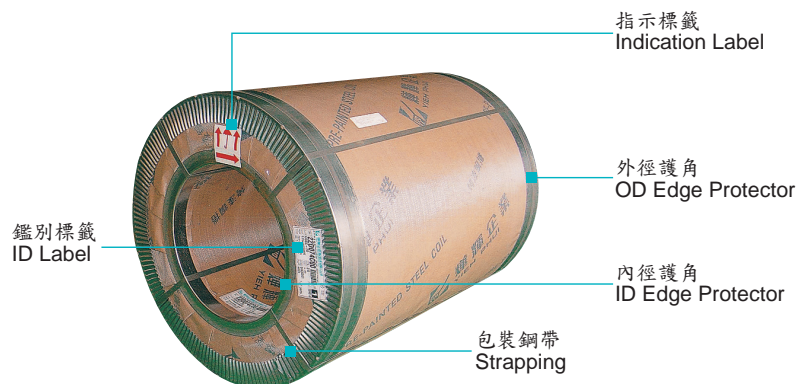
標示 Labelling



燁輝鍍鋅產品之標籤示範
Yieh Phui sample of product ID label for metallic coated steel coil



燁輝烤漆產品之標籤示範
Yieh Phui sample of product ID label for pre-painted metallic coated steel coil



烤漆鋼板外銷包裝範例 Packaging of prepainted steel for export



燁輝(中國)鍍鋅產品之標籤範例
Yieh Phui (China) sample of product ID label for metallic coated steel coil



燁輝(中國)烤漆產品之標籤範例
Yieh Phui (China) sample of product ID label for pre-painted metallic coated steel coil



儲存、運輸及裝卸

Storage, Transport and Handling

儲存

- 鋼捲須儲放於通風良好之室內，並避免砂土灰塵等之積存。
- 無論如何絕不可將鋼捲露儲或儲存於潮濕的環境，因為毛細管之作用會將濕氣吸入鋼捲表面間，濕氣或水將無法正常蒸發，易導致產品特性惡化，減短預期之使用壽命，並影響產品之外觀。已成形之裁板的儲存，同樣地必須特別注意此問題。
- 儘量做好先進先出及庫存期限之管理，以避免產品因存放過久所造成之性質劣化，特別是在富含鹽份、風砂多之海岸地區或含二氧化硫與其他污染之工業地區。
- 聚氯乙烯 (PVC) 壓花烤漆產品須避免長時間之儲放與多層之堆疊，以避免壓花紋路產生變化。
- 為防止危險及鋼捲變形，儲放時不可過度堆疊，一般以 1~2 層堆疊為宜。

運輸及裝卸

- 為防止發生碰撞，不要用叉式堆高機推動或翻轉製品，以免產生刮傷。
- 運輸鋼捲的卡車上須鋪上橡皮墊，或使用專門的搬運台，以保護鋼捲外側不被碰傷。
- 在運輸時，需以繩索或鋼索牢牢固定，以避免因振動或移動而產生刮傷、碰撞及摩擦黑斑等缺陷。

Storage

- Place steel coils in ventilative indoor to avoid the accumulation of dust and sandy soil.
- Never store steel coils in a humid environment because capillarity will inhale moisture into the surface. As the result, the moisture or water will not be able to evaporate normally and can easily cause deterioration affecting the characteristics and appearance of the product and shorten the usage lifetime. As for the formed steel sheets, same storage methods applied.
- “First-In, First-Out” and inventory management should be applied to avoid any deteriorations caused by long storage time, especially at windy and dusty coastline areas and other sulfur dioxide polluted industrial areas.
- Do not pile up PVC embossed PPGI steel products and store them for too long in order to maintain the texture.
- Do not over pile steel coils in order to maintain the original shape. In general, 1-2 stacks are considered to be proper.

Transport and Handling

- Do not push the coils or roll the coils with a forklife, since this could cause scratches.
- When transporting coils in a truck, care should be taken to protect the coil surfaces against damage, using preferably, a rubber sheet beneath the coils or an exclusive transport stand.
- During transportation, coils should be fixed with ropes or steel wire in order to avoid scratches, impacts, abrasion black spots caused by vibration and friction.

本型錄內規格變動時不另行通知

Specifications are subject to change without notice.

※ 注意事項

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參考資料

Reference Information



JIS 鍍鋅鋼板單位面積之重量

Weight of galvanized steel sheet per square meter according to JIS standard

kg/m²

鍍層代號 Coating Mass Designation	Z10 (F10)	Z12 (F12)	Z18 (F18)	Z20	Z22	Z25	Z27	Z35	Z45
0.250	2.113	2.146	2.207	2.248	2.268	2.313	2.344	2.421	2.528
0.261	2.199	2.232	2.293	2.334	2.354	2.399	2.430	2.507	2.614
0.270	2.270	2.303	2.364	2.405	2.425	2.470	2.501	2.578	2.685
0.300	2.505	2.538	2.599	2.640	2.660	2.705	2.738	2.813	2.920
0.326	2.709	2.742	2.803	2.844	2.864	2.909	2.940	3.017	3.124
0.350	2.898	2.931	2.992	3.033	3.053	3.098	3.129	3.206	3.313
0.376	3.102	3.135	3.196	3.237	3.257	3.302	3.333	3.410	3.517
0.380	3.133	3.166	3.227	3.268	3.288	3.333	3.384	3.441	3.548
0.400	3.290	3.323	3.384	3.425	3.445	3.490	3.521	3.598	3.705
0.410	3.369	3.402	3.463	3.504	3.524	3.569	3.600	3.667	3.784
0.414	3.400	3.433	3.494	3.535	3.555	3.600	3.631	3.708	3.815
0.426	3.494	3.527	3.588	3.629	3.649	3.694	3.725	3.802	3.909
0.476	3.887	3.920	3.981	4.022	4.042	4.087	4.118	4.195	4.302
0.526	4.279	4.312	4.373	4.414	4.434	4.479	4.510	4.587	4.694
0.576	4.672	4.705	4.766	4.807	4.827	4.872	4.903	4.980	5.087
0.670	5.457	5.490	5.551	5.592	5.612	5.657	5.688	5.765	5.872
0.700	5.645	5.678	5.739	5.780	5.800	5.845	5.878	5.953	6.060
0.776	6.242	6.275	6.336	6.377	6.397	6.442	6.473	6.550	6.657
0.800	6.430	6.463	6.524	6.565	6.585	6.630	6.661	6.738	6.845
0.900	7.215	7.248	7.309	7.350	7.370	7.415	7.446	7.523	7.630
0.951	7.615	7.648	7.709	7.750	7.770	7.815	7.846	7.923	8.030
0.976	7.812	7.845	7.906	7.947	7.967	8.012	8.043	8.120	8.227
1.150	9.178	9.211	9.272	9.313	9.333	9.378	9.409	9.486	9.593
1.180	9.413	9.446	9.507	9.548	9.568	9.613	9.644	9.721	9.828
1.200	9.570	9.603	9.664	9.705	9.725	9.770	9.801	9.878	9.985
1.300	10.355	10.39	10.45	10.49	10.51	10.555	10.59	10.66	10.77
1.500	11.93	11.96	12.02	12.06	12.08	12.13	12.16	12.23	12.34
1.550	12.32	12.35	12.41	12.45	12.47	12.52	12.55	12.63	12.73
1.750	13.89	13.92	13.98	14.02	14.04	14.09	14.12	14.20	14.30
1.950	15.46	15.49	15.55	15.59	15.61	15.66	15.69	15.77	15.87
2.150	17.03	17.06	17.12	17.16	17.18	17.23	17.26	17.34	17.44
2.250	17.81	17.85	17.91	17.95	17.97	18.01	18.04	18.12	18.23
2.450	19.38	19.42	19.48	19.52	19.54	19.58	19.61	19.69	19.80
2.950	23.31	23.34	23.40	23.44	23.46	23.51	23.54	23.62	23.72
3.200	25.27	25.30	25.38	25.41	25.43	25.47	25.50	25.58	25.69
3.500	27.63	27.66	27.72	27.76	27.78	27.83	27.86	27.93	28.01
4.000	31.55	31.58	31.64	31.69	31.71	31.75	31.78	31.86	31.97
4.200	33.12	33.15	33.21	33.28	33.30	33.32	33.33	33.43	33.54
4.500	35.48	35.51	35.57	35.61	35.63	35.68	35.71	35.78	35.89



JIS 鍍鋅鋼板單位面積之重量

Weight of PhuizerZinc per square meter according to JIS standard

kg/m²

鍍層代號 Coating Mass Designation	Z10 (F10)	Z12 (F12)	Z18 (F18)	Z20	Z22	Z25	Z27	Z35	Z45
0.250	2.078	2.098	2.158	2.178	2.198	2.228	2.253	2.328	2.428
0.261	2.164	2.184	2.244	2.264	2.284	2.314	2.339	2.414	2.514
0.270	2.235	2.255	2.315	2.335	2.355	2.385	2.410	2.485	2.585
0.300	2.470	2.490	2.550	2.570	2.590	2.620	2.645	2.720	2.820
0.326	2.674	2.694	2.754	2.774	2.794	2.824	2.849	2.924	3.024
0.350	2.681	2.683	2.943	2.963	2.983	3.013	3.036	3.113	3.213
0.376	3.067	3.087	3.147	3.167	3.187	3.217	3.242	3.317	3.417
0.380	3.099	3.118	3.178	3.198	3.218	3.248	3.273	3.348	3.448
0.400	3.255	3.275	3.335	3.355	3.375	3.405	3.430	3.505	3.605
0.410	3.334	3.354	3.414	3.434	3.454	3.484	3.509	3.584	3.684
0.414	3.365	3.385	3.445	3.465	3.485	3.515	3.540	3.615	3.715
0.426	3.459	3.479	3.539	3.559	3.579	3.609	3.634	3.709	3.809
0.476	3.852	3.872	3.932	3.952	3.972	4.002	4.027	4.102	4.202
0.526	4.244	4.264	4.324	4.344	4.364	4.394	4.419	4.494	4.594
0.576	4.637	4.657	4.717	4.737	4.757	4.787	4.812	4.887	4.987
0.670	5.422	5.442	5.502	5.522	5.542	5.572	5.597	5.672	5.772
0.700	5.610	5.630	5.690	5.710	5.730	5.760	5.785	5.860	5.960
0.776	6.027	6.047	6.107	6.127	6.147	6.177	6.202	6.277	6.377
0.800	6.395	6.415	6.475	6.495	6.515	6.545	6.570	6.645	6.745
0.900	7.180	7.200	7.260	7.280	7.300	7.330	7.355	7.430	7.530
0.951	7.580	7.600	7.660	7.680	7.700	7.730	7.755	7.830	7.930
0.976	7.777	7.797	7.857	7.877	7.897	7.927	7.952	8.027	8.127
1.150	9.142	9.163	9.223	9.243	9.263	9.293	9.318	9.393	9.493
1.180	9.378	9.398	9.458	9.478	9.498	9.528	9.553	9.628	9.728
1.200	9.535	9.555	9.615	9.635	9.655	9.685	9.710	9.785	9.885
1.300	10.32	10.34	10.40	10.42	10.44	10.47	10.50	10.57	10.67
1.500	11.89	11.91	11.97	11.98	12.01	12.04	12.07	12.14	12.24
1.550	12.28	12.30	12.36	12.38	12.40	12.43	12.46	12.53	12.63
1.750	13.85	13.87	13.93	13.95	13.97	14.00	14.03	14.10	14.20
1.950	15.42	15.44	15.50	15.52	15.54	15.57	15.60	15.67	15.77
2.150	16.99	17.01	17.07	17.09	17.11	17.14	17.17	17.24	17.34
2.250	17.78	17.80	17.86	17.88	17.90	17.93	17.95	18.03	18.13
2.450	19.35	19.37	19.43	19.45	19.47	19.50	19.52	19.60	19.70
2.950	23.27	23.29	23.35	23.37	23.39	23.42	23.45	23.52	23.62
3.200	25.24	25.26	25.32	25.34	25.36	25.39	25.41	25.49	25.59
3.500	27.59	27.61	27.67	27.69	27.71	27.74	27.77	27.84	27.94
4.000	31.52	31.54	31.60	31.62	31.64	31.67	31.69	31.77	31.87
4.200	33.09	33.11	33.17	33.19	33.21	33.24	33.25	33.34	33.44
4.500	35.44	35.46	35.52	35.54	35.56	35.58	35.62	35.69	35.79

備註： ■ 本表係本公司生產之鍍鋅板參考之單位面積重量。 ■ 本表亦可選用於本公司烤漆鋼板。

Remarks : Thicknesses of the strip presented in the above table are the standard thickness.

Please contact our Technical Service Division for the weight of steel sheet of specific thickness.



JIS 鍍鋅鋼板每米長度之重量 (一)

Weight of PhuizerZinc per meter length (1) according to JIS standard

kg/m

鍍層代號 Coating Mass Designation	Z10(F10)					Z12(F12)					Z18(F18)					Z22				
	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524
0.250	1.58	1.90	2.08	2.53	3.17	1.60	1.92	2.10	2.56	3.20	1.64	1.97	2.16	2.63	3.29	1.67	2.01	2.20	2.68	3.35
0.261	1.65	1.98	2.16	2.64	3.30	1.66	2.00	2.18	2.66	3.33	1.71	2.05	2.24	2.74	3.42	1.74	2.09	2.28	2.78	3.48
0.270	1.70	2.04	2.24	2.72	3.41	1.72	2.06	2.26	2.75	3.44	1.76	2.12	2.32	2.82	3.53	1.79	2.15	2.36	2.87	3.59
0.300	1.88	2.26	2.47	3.01	3.76	1.90	2.28	2.49	3.04	3.80	1.94	2.33	2.55	3.11	3.89	1.97	2.37	2.59	3.16	3.95
0.326	2.04	2.44	2.67	3.26	4.08	2.05	2.46	2.69	3.28	4.11	2.10	2.52	2.75	3.30	4.20	2.13	2.55	2.79	3.35	4.26
0.350	2.18	2.62	2.86	3.49	4.36	2.20	2.54	2.88	3.51	4.39	2.24	2.69	2.94	3.59	4.48	2.27	2.73	2.98	3.54	4.55
0.376	2.34	2.80	3.07	3.74	4.67	2.35	2.82	3.09	3.78	4.70	2.40	2.88	3.15	3.84	4.80	2.43	2.91	3.19	3.88	4.86
0.380	2.36	2.83	3.10	3.78	4.72	2.38	2.85	3.12	3.80	4.75	2.42	2.91	3.18	3.87	4.84	2.45	2.94	3.22	3.92	4.90
0.400	2.48	2.96	3.26	3.97	4.96	2.50	2.90	3.28	3.99	4.99	2.54	3.05	3.34	4.07	5.08	2.57	3.09	3.38	4.11	5.14
0.410	2.54	3.05	3.33	4.06	5.08	2.56	3.07	3.35	4.09	5.11	2.60	3.12	3.41	4.16	5.20	2.63	3.16	3.45	4.21	5.28
0.414	2.56	3.06	3.37	4.10	5.13	2.58	3.09	3.39	4.13	5.16	2.63	3.15	3.45	4.20	5.25	2.66	3.19	3.49	4.25	5.31
0.426	2.64	3.16	3.46	4.22	5.27	2.65	3.15	3.48	4.24	5.30	2.70	3.24	3.54	4.31	5.39	2.73	3.27	3.58	4.36	5.48
0.476	2.94	3.52	3.85	4.70	5.87	2.95	3.54	3.87	4.72	5.90	3.00	3.59	3.93	4.79	5.99	3.03	3.63	3.97	4.54	6.05
0.526	3.23	3.88	4.24	5.17	6.47	3.25	3.90	4.26	5.20	6.50	3.30	3.95	4.32	5.27	6.59	3.33	3.99	4.36	5.32	6.65
0.576	3.53	4.24	4.64	5.65	7.07	3.55	4.26	4.66	5.68	7.10	3.59	4.31	4.72	5.75	7.19	3.63	4.35	4.76	5.80	7.25
0.670	4.13	4.96	5.42	6.61	8.26	4.15	4.97	5.44	6.83	8.29	4.19	5.03	5.50	6.71	8.38	4.22	5.07	5.54	6.76	8.45
0.700	4.28	5.13	5.61	6.84	8.55	4.29	5.15	5.63	6.86	8.58	4.34	5.20	5.69	6.94	8.67	4.37	5.24	5.73	6.99	8.73
0.776	4.73	5.67	6.21	7.57	9.46	4.75	5.69	6.23	7.59	9.49	4.79	5.75	6.29	7.66	9.58	4.82	5.78	6.33	7.71	9.64
0.800	4.87	5.85	6.40	7.80	9.75	4.89	5.85	6.42	7.82	9.78	4.93	5.92	6.48	7.89	9.87	4.96	5.96	6.52	7.94	9.83
0.900	5.47	6.56	7.18	8.75	10.9	5.49	6.58	7.20	8.78	11.0	5.53	6.64	7.26	8.85	11.1	5.58	6.67	7.30	8.90	11.1
0.951	5.78	6.93	7.58	9.24	11.6	5.79	6.95	7.50	9.27	11.6	5.84	7.00	7.66	9.34	11.7	5.87	7.04	7.70	9.39	11.7
0.976	5.93	7.11	7.78	9.48	11.9	5.94	7.13	7.80	9.50	11.9	5.99	7.18	7.86	9.58	12.0	6.02	7.22	7.90	9.63	12.0
1.150	6.97	8.36	9.14	11.1	13.9	6.98	8.38	9.16	11.2	14.0	7.03	8.43	9.22	11.2	14.1	7.06	8.47	9.26	11.3	14.1
1.180	7.15	8.57	9.38	11.4	14.3	7.16	8.59	9.40	11.5	14.3	7.21	8.65	9.46	11.5	14.4	7.24	8.68	9.50	11.6	14.5
1.200	7.27	8.72	9.54	11.6	14.6	7.28	8.73	9.58	11.6	14.6	7.33	8.79	9.62	11.7	14.7	7.38	8.82	9.66	11.8	14.7
1.300	7.86	9.43	10.3	12.6	15.7	7.88	9.45	10.3	12.6	15.8	7.93	9.51	10.4	12.7	15.9	7.96	9.54	10.4	12.7	15.9
1.500	9.06	10.9	11.9	14.5	18.1	9.08	10.9	11.9	14.5	18.2	9.12	10.9	12.0	14.6	18.2	9.15	11.0	12.0	14.6	18.3
1.550	9.38	11.2	12.3	15.0	18.7	9.38	11.2	12.3	15.0	18.7	9.42	11.3	12.4	15.1	18.8	9.45	11.3	12.4	15.1	18.9
1.750	10.6	12.7	13.9	16.9	21.1	10.6	12.7	13.9	16.9	21.1	10.6	12.7	13.9	17.0	21.2	10.6	12.8	14.0	17.0	21.3
1.950	11.8	14.1	15.4	18.8	23.5	11.8	14.1	15.4	18.8	23.5	11.8	14.2	15.5	18.9	23.6	11.8	14.2	15.5	18.9	23.7
2.150	12.9	15.5	17.0	20.7	25.9	13.0	15.5	17.0	20.7	25.9	13.0	15.6	17.1	20.8	26.0	13.0	15.6	17.1	20.9	26.1
2.250	13.5	16.2	17.8	21.7	27.1	13.6	16.3	17.8	21.7	27.1	13.6	16.3	17.9	21.8	27.2	13.6	16.4	17.9	21.8	27.3
2.450	14.7	17.7	19.3	23.6	29.5	14.8	17.7	19.4	23.6	29.5	14.8	17.8	19.4	23.7	29.6	14.8	17.8	19.5	23.7	29.7
2.950	17.7	21.3	23.3	28.4	35.5	17.7	21.3	23.3	28.4	35.5	17.8	21.3	23.4	28.5	35.6	17.8	21.4	23.4	28.5	35.7
3.200	19.2	23.1	25.2	30.8	38.5	19.2	23.1	25.3	30.8	38.5	19.3	23.1	25.3	30.9	38.6	19.3	23.2	25.4	30.9	38.6
3.500	21.0	25.2	27.6	33.6	42.0	21.0	25.2	27.6	33.7	42.1	21.1	25.3	27.7	33.7	42.2	21.1	25.3	27.7	33.8	42.2
4.000	24.0	28.8	31.5	38.4	48.0	24.0	28.8	31.5	38.4	48.1	24.1	28.9	31.6	38.5	48.2	24.1	28.9	31.6	38.6	48.2
4.200	25.2	30.2	33.1	40.3	50.4	25.2	30.3	33.1	40.4	50.5	25.3	30.3	33.2	40.4	50.5	25.3	30.3	33.2	40.5	50.6
4.500	27.0	32.4	35.4	43.2	54.0	27.0	32.4	35.5	43.2	54.0	27.1	32.5	35.5	43.3	54.1	27.1	32.5	35.6	43.3	54.2



JIS 鍍鋅鋼板每米長度之重量 (二)

Weight of PhuizerZinc per meter length (2) according to JIS standard

kg/m

鍍層代號 Coating Mass Designation	Z25					Z27					Z35					Z45				
Gauge 板厚 (mm)	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524
0.250	1.70	2.04	2.23	2.72	3.40	1.72	2.06	2.25	2.75	3.43	1.77	2.13	2.33	2.84	3.55	1.85	2.22	2.43	2.96	3.70
0.261	1.76	2.11	2.31	2.82	3.53	1.78	2.14	2.34	2.85	3.58	1.84	2.21	2.41	2.94	3.68	1.92	2.30	2.51	3.06	3.83
0.270	1.82	2.18	2.39	2.91	3.63	1.84	2.20	2.41	2.94	3.67	1.89	2.27	2.49	3.03	3.79	1.97	2.36	2.59	3.15	3.94
0.300	2.00	2.39	2.62	3.19	3.99	2.02	2.42	2.55	3.22	4.03	2.07	2.49	2.72	3.32	4.15	2.15	2.58	2.82	3.44	4.30
0.326	2.15	2.58	2.82	3.44	4.30	2.17	2.50	2.85	3.47	4.34	2.23	2.67	2.92	3.56	4.46	2.30	2.76	3.02	3.69	4.61
0.350	2.30	2.75	3.01	3.67	4.59	2.32	2.78	3.04	3.70	4.63	2.37	2.85	3.11	3.79	4.74	2.45	2.94	3.21	3.92	4.90
0.376	2.45	2.94	3.22	3.92	4.90	2.47	2.95	3.24	3.95	4.94	2.53	3.03	3.32	4.04	5.05	2.60	3.12	3.42	4.17	5.21
0.380	2.48	2.97	3.25	3.96	4.95	2.49	2.99	3.27	3.99	4.99	2.55	3.06	3.35	4.08	5.10	2.63	3.15	3.45	4.20	5.26
0.400	2.60	3.11	3.41	4.15	5.19	2.61	3.14	3.43	4.18	5.23	2.67	3.20	3.57	4.27	5.34	2.75	3.30	3.61	4.39	5.48
0.410	2.65	3.18	3.48	4.25	5.31	2.67	3.21	3.51	4.28	5.35	2.73	3.28	3.58	4.37	5.46	2.81	3.37	3.68	4.49	5.61
0.414	2.68	3.21	3.51	4.29	5.36	2.70	3.24	3.54	4.32	5.40	2.76	3.30	3.62	4.41	5.51	2.83	3.40	3.72	4.53	5.66
0.426	2.75	3.30	3.61	4.40	5.50	2.77	3.32	3.64	4.43	5.54	2.83	3.39	3.71	4.52	5.65	2.90	3.48	3.81	4.64	5.81
0.476	3.05	3.68	4.00	4.88	6.10	3.07	3.68	4.03	4.91	6.14	3.13	3.75	4.10	5.00	6.25	3.20	3.84	4.20	5.12	6.40
0.526	3.35	4.02	4.39	5.36	6.70	3.37	4.04	4.42	5.39	6.74	3.43	4.11	4.49	5.48	6.85	3.50	4.20	4.59	5.60	7.00
0.576	3.65	4.37	4.79	5.84	7.30	3.67	4.40	4.66	5.87	7.33	3.72	4.47	4.89	5.96	7.45	3.80	4.58	4.99	6.08	7.60
0.670	4.25	5.09	5.57	6.79	8.49	4.27	5.12	5.44	6.82	8.53	4.32	5.18	5.67	6.91	8.64	4.40	5.28	5.77	7.04	8.80
0.700	4.39	5.26	5.76	7.02	8.78	4.41	5.20	5.63	7.05	8.82	4.47	5.36	5.86	7.14	8.93	4.54	5.45	5.96	7.27	9.06
0.776	4.84	5.81	6.36	7.75	9.69	4.86	5.83	6.23	7.78	9.73	4.92	5.90	6.46	7.87	9.84	5.00	5.99	6.65	7.99	9.99
0.800	4.99	5.96	6.65	7.98	9.98	5.01	6.01	6.42	8.01	10.0	5.06	6.07	6.65	8.10	10.1	5.14	6.17	6.75	8.22	10.3
0.900	5.59	6.70	7.33	8.94	11.2	5.81	6.72	7.20	8.97	11.2	5.66	6.79	7.43	9.06	11.3	5.74	6.88	7.53	9.18	11.5
0.951	5.89	7.07	7.73	9.42	11.8	5.91	7.09	7.50	9.45	11.8	5.97	7.16	7.83	9.55	11.9	6.04	7.25	7.93	9.67	12.1
0.976	6.04	7.24	7.93	9.66	12.1	6.06	7.27	7.80	9.69	12.1	6.12	7.34	8.03	9.78	12.2	6.19	7.43	8.13	9.91	12.4
1.150	7.08	8.49	9.29	11.3	14.2	7.10	8.52	9.16	11.4	14.2	7.16	8.59	9.39	11.4	14.3	7.23	8.68	9.49	11.6	14.5
1.180	7.26	8.71	9.53	11.6	14.5	7.28	8.73	9.40	11.6	14.6	7.34	8.80	9.63	11.7	14.7	7.41	8.80	9.73	11.9	14.8
1.200	7.38	8.85	9.69	11.8	14.8	7.40	8.88	9.58	11.8	14.8	7.46	8.94	9.79	11.9	14.9	7.53	9.04	9.89	12.1	15.1
1.300	7.98	9.57	10.5	12.8	16.0	8.00	9.59	10.3	12.8	16.0	8.05	9.68	10.6	12.9	16.1	8.13	9.75	10.7	13.0	16.3
1.500	9.17	11.0	12.0	14.7	18.3	9.19	11.0	11.9	14.7	18.4	9.25	11.1	12.1	14.8	18.5	9.33	11.2	12.2	14.9	18.7
1.550	9.47	11.4	12.4	15.2	18.9	9.49	11.4	12.3	15.2	19.0	9.55	11.5	12.5	15.3	19.1	9.63	11.5	12.6	15.4	19.3
1.750	10.7	12.8	14.0	17.1	21.3	10.7	12.5	13.9	17.1	21.4	10.7	12.9	14.1	17.2	21.5	10.8	13.0	14.2	17.3	21.6
1.950	11.9	14.2	15.6	19.0	23.7	11.9	14.3	15.4	19.0	23.8	11.9	14.3	15.7	19.1	23.9	12.0	14.4	15.8	19.2	24.0
2.150	13.1	15.7	17.1	20.9	26.1	13.1	15.1	17.0	20.9	26.2	13.1	15.8	17.2	21.0	26.3	13.2	15.9	17.3	21.1	26.4
2.250	13.7	16.4	17.9	21.9	27.3	13.7	16.4	17.8	21.9	27.4	13.7	16.5	18.0	22.0	27.5	13.8	16.6	18.1	22.1	27.6
2.450	14.9	17.8	19.5	23.8	29.7	14.9	17.8	19.4	23.8	29.8	14.9	17.9	19.6	23.9	29.9	15.0	18.0	19.7	24.0	30.0
2.950	17.8	21.4	23.4	28.6	35.7	17.9	21.4	23.3	28.6	35.7	17.9	21.5	23.5	28.7	35.8	18.0	21.6	23.6	28.8	36.0
3.200	19.3	23.2	25.4	30.9	38.7	19.4	23.2	25.3	31.0	38.7	19.4	23.3	25.5	31.1	38.8	19.5	23.4	25.6	31.2	39.0
3.500	21.1	25.4	27.7	33.8	42.3	21.2	25.4	27.6	33.8	42.3	21.2	25.4	27.8	33.9	42.4	21.3	25.5	27.9	34.1	42.6
4.000	24.1	28.9	31.7	38.8	48.3	24.1	29.0	31.5	38.6	48.3	24.2	29.0	31.8	38.7	48.4	24.3	29.1	31.9	38.8	48.6
4.200	25.3	30.4	33.2	40.5	50.7	25.3	30.4	33.1	40.5	50.7	25.4	30.5	33.3	40.6	50.8	25.5	30.6	33.4	40.8	51.0
4.500	27.1	32.5	35.6	43.4	54.2	27.1	32.5	35.6	43.4	54.3	27.2	32.5	35.7	43.5	54.4	27.3	32.7	35.8	43.6	54.6



參考資料

Reference Information



JIS 鍍鋅鋼板每台尺長度之重量 (一)

Weight of PhuizerZinc per Taiwan meter length (1) according to JIS standard

kg / 台尺

鍍層代號 Coating Mass Designation	Z10(F10)					Z12(F12)					Z18(F18)					Z22				
	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524
0.250	0.48	0.58	0.63	0.77	0.96	0.48	0.58	0.64	0.78	0.97	0.50	0.60	0.65	0.80	1.00	0.51	0.61	0.67	0.81	1.02
0.261	0.50	0.60	0.66	0.80	1.00	0.50	0.61	0.66	0.81	1.01	0.52	0.62	0.68	0.83	1.04	0.53	0.63	0.69	0.84	1.06
0.270	0.52	0.62	0.68	0.83	1.03	0.52	0.62	0.68	0.83	1.04	0.53	0.64	0.70	0.86	1.07	0.54	0.65	0.71	0.87	1.09
0.300	0.57	0.68	0.75	0.91	1.14	0.58	0.69	0.78	0.92	1.15	0.59	0.71	0.77	0.94	1.18	0.60	0.72	0.79	0.96	1.20
0.326	0.62	0.74	0.81	0.99	1.24	0.62	0.75	0.82	1.00	1.24	0.64	0.76	0.84	1.02	1.27	0.65	0.77	0.85	1.03	1.29
0.350	0.66	0.79	0.87	1.06	1.32	0.67	0.79	0.87	1.07	1.33	0.68	0.82	0.89	1.09	1.36	0.69	0.83	0.90	1.10	1.38
0.376	0.71	0.85	0.93	1.13	1.42	0.71	0.85	0.94	1.14	1.43	0.73	0.87	0.95	1.16	1.45	0.74	0.88	0.97	1.18	1.47
0.380	0.72	0.86	0.94	1.14	1.43	0.72	0.86	0.95	1.15	1.44	0.76	0.88	0.96	1.17	1.47	0.76	0.89	0.98	1.19	1.49
0.400	0.75	0.90	0.99	1.20	1.50	0.76	0.91	0.99	1.21	1.51	0.77	0.92	1.01	1.23	1.54	0.78	0.94	1.02	1.25	1.56
0.410	0.77	0.92	1.01	1.23	1.54	0.77	0.93	1.02	1.24	1.55	0.79	0.95	1.03	1.26	1.58	0.80	0.96	1.05	1.28	1.60
0.414	0.78	0.93	1.02	1.24	1.55	0.78	0.94	1.03	1.25	1.56	0.80	0.96	1.04	1.27	1.59	0.81	0.97	1.06	1.29	1.61
0.426	0.80	0.96	1.05	1.28	1.60	0.80	0.96	1.05	1.29	1.61	0.82	0.98	1.07	1.31	1.63	0.83	0.99	1.09	1.32	1.65
0.476	0.89	1.07	1.17	1.42	1.78	0.89	1.07	1.17	1.43	1.79	0.91	1.09	1.19	1.45	1.82	0.92	1.10	1.20	1.47	1.83
0.526	0.98	1.18	1.29	1.57	1.96	0.99	1.18	1.29	1.58	1.97	1.00	1.20	1.31	1.60	2.00	1.01	1.21	1.32	1.61	2.02
0.576	1.07	1.28	1.41	1.71	2.14	1.08	1.29	1.41	1.72	2.15	1.09	1.31	1.43	1.74	2.18	1.10	1.32	1.44	1.76	2.20
0.670	1.25	1.50	1.64	2.00	2.50	1.28	1.51	1.65	2.01	2.51	1.27	1.52	1.67	2.03	2.54	1.28	1.54	1.68	2.05	2.56
0.700	1.30	1.55	1.70	2.07	2.59	1.30	1.56	1.71	2.08	2.60	1.31	1.58	1.72	2.10	2.63	1.32	1.59	1.74	2.12	2.65
0.776	1.43	1.72	1.88	2.29	2.87	1.44	1.73	1.89	2.30	2.88	1.45	1.74	1.91	2.32	2.90	1.46	1.75	1.92	2.34	2.92
0.800	1.48	1.77	1.94	2.36	2.95	1.48	1.78	1.94	2.37	2.96	1.50	1.79	1.96	2.39	2.99	1.50	1.80	1.97	2.41	3.01
0.900	1.66	1.99	2.18	2.65	3.32	1.66	1.99	2.18	2.66	3.33	1.68	2.01	2.20	2.65	3.35	1.69	2.02	2.21	2.70	3.37
0.951	1.75	2.10	2.30	2.80	3.50	1.78	2.11	2.30	2.81	3.51	1.77	2.12	2.32	2.83	3.54	1.78	2.13	2.33	2.84	3.56
0.976	1.80	2.15	2.36	2.87	3.59	1.80	2.16	2.36	2.88	3.60	1.81	2.18	2.38	2.90	3.63	1.82	2.19	2.39	2.92	3.65
1.150	2.11	2.53	2.77	3.38	4.22	2.12	2.54	2.78	3.39	4.23	2.13	2.55	2.80	3.41	4.26	2.14	2.57	2.81	3.42	4.28
1.180	2.17	2.60	2.84	3.46	4.33	2.17	2.60	2.85	3.47	4.34	2.18	2.62	2.87	3.49	4.37	2.19	2.63	2.88	3.51	4.39
1.200	2.20	2.64	2.89	3.52	4.40	2.21	2.65	2.90	3.53	4.41	2.22	2.66	2.91	3.55	4.44	2.23	2.67	2.93	3.57	4.46
1.300	2.38	2.86	3.13	3.81	4.77	2.39	2.86	3.13	3.82	4.78	2.40	2.88	3.15	3.84	4.80	2.41	2.89	3.16	3.88	4.82
1.500	2.75	3.29	3.60	4.39	5.49	2.75	3.30	3.61	4.40	5.50	2.76	3.32	3.63	4.42	5.53	2.77	3.33	3.64	4.44	5.55
1.550	2.84	3.40	3.72	4.54	5.67	2.84	3.41	3.73	4.54	5.68	2.86	3.42	3.75	4.54	5.71	2.86	3.44	3.76	4.48	5.73
1.750	3.20	3.84	4.20	5.12	6.40	3.20	3.84	4.20	5.12	6.41	3.22	3.86	4.22	5.15	6.43	3.23	3.87	4.23	5.16	6.45
1.950	3.56	4.27	4.67	5.70	7.12	3.57	4.28	4.68	5.70	7.13	3.58	4.29	4.70	5.73	7.16	3.59	4.31	4.71	5.74	7.18
2.150	3.92	4.71	5.15	6.28	7.85	3.93	4.71	5.16	6.28	7.86	3.94	4.73	5.17	6.31	7.88	3.95	4.74	5.19	6.32	7.90
2.250	4.11	4.92	5.39	6.57	8.21	4.11	4.93	5.39	6.57	8.22	4.12	4.95	5.41	6.60	8.25	4.13	4.96	5.42	6.61	8.27
2.450	4.47	5.36	5.86	7.15	8.94	4.47	5.36	5.87	7.15	8.94	4.49	5.38	5.89	7.18	8.97	4.50	5.39	5.90	7.19	8.99
2.950	5.37	6.45	7.05	8.60	10.7	5.38	6.45	7.06	8.60	10.8	5.39	6.47	7.08	8.63	10.8	5.40	5.48	7.09	8.64	10.8
3.200	5.83	6.99	7.65	9.32	11.7	5.83	7.00	7.65	9.33	11.7	5.85	7.01	7.67	9.35	11.7	5.86	7.02	7.68	9.37	11.7
3.500	6.37	7.64	8.36	10.2	12.7	6.38	7.65	8.37	10.2	12.8	6.39	7.65	8.39	10.2	12.8	6.40	7.68	8.40	10.2	12.8
4.000	7.28	8.73	9.55	11.6	14.6	7.28	8.73	9.56	11.6	14.6	7.30	8.75	9.57	11.7	14.6	7.31	8.76	9.59	11.7	14.6
4.200	7.64	9.16	10.0	12.2	15.3	7.64	9.17	10.0	12.2	15.3	7.66	9.19	10.1	12.3	15.3	7.67	9.20	10.1	12.3	15.3
4.500	8.18	9.82	10.7	13.1	16.4	8.19	9.82	10.7	13.1	16.4	8.20	9.84	10.8	13.1	16.4	8.21	9.85	10.8	13.1	16.4



JIS 鍍鋅鋼板每台尺長度之重量 (二)

Weight of PhuizerZinc per Taiwan meter length (2) according to JIS standard

kg / 台尺

鍍層代號	Z25					Z27					Z35					Z45				
Coating Mass Designation	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524
板厚 (mm) 板厚 (mm)	0.51	0.62	0.68	0.82	1.03	0.52	0.62	0.68	0.83	1.04	0.54	0.65	0.71	0.83	1.08	0.56	0.67	0.74	0.90	1.12
0.250	0.51	0.62	0.68	0.82	1.03	0.52	0.62	0.68	0.83	1.04	0.54	0.65	0.71	0.83	1.08	0.56	0.67	0.74	0.90	1.12
0.261	0.53	0.64	0.70	0.86	1.07	0.54	0.65	0.71	0.86	1.08	0.56	0.67	0.73	0.86	1.12	0.58	0.70	0.76	0.93	1.16
0.270	0.55	0.66	0.72	0.88	1.10	0.56	0.67	0.73	0.89	1.11	0.57	0.69	0.75	0.89	1.15	0.60	0.72	0.78	0.96	1.19
0.300	0.61	0.73	0.79	0.97	1.21	0.61	0.73	0.80	0.98	1.22	0.63	0.75	0.82	0.98	1.26	0.65	0.78	0.85	1.04	1.30
0.326	0.65	0.78	0.86	1.04	1.30	0.66	0.79	0.86	1.05	1.32	0.68	0.81	0.89	1.05	1.35	0.70	0.84	0.92	1.12	1.40
0.350	0.70	0.83	0.91	1.11	1.39	0.70	0.84	0.92	1.12	1.40	0.72	0.86	0.94	1.12	1.44	0.74	0.89	0.97	1.19	1.48
0.376	0.74	0.89	0.98	1.19	1.49	0.75	0.90	0.98	1.20	1.50	0.77	0.92	1.01	1.20	1.53	0.79	0.95	1.04	1.26	1.58
0.380	0.75	0.90	0.99	1.20	1.50	0.76	0.91	0.99	1.21	1.51	0.78	0.93	1.02	1.21	1.55	0.80	0.96	1.05	1.27	1.59
0.400	0.79	0.94	1.03	1.26	1.57	0.79	0.95	1.04	1.27	1.58	0.81	0.97	1.06	1.27	1.62	0.83	1.00	1.09	1.33	1.67
0.410	0.80	0.97	1.06	1.29	1.61	0.81	0.97	1.06	1.30	1.62	0.83	0.99	1.09	1.30	1.66	0.85	1.02	1.12	1.36	1.70
0.414	0.81	0.98	1.07	1.30	1.62	0.82	0.98	1.07	1.31	1.64	0.84	1.00	1.10	1.31	1.67	0.86	1.03	1.13	1.37	1.72
0.426	0.83	1.00	1.09	1.33	1.67	0.84	1.01	1.10	1.34	1.68	0.86	1.03	1.12	1.34	1.71	0.88	1.06	1.15	1.41	1.75
0.476	0.92	1.11	1.21	1.48	1.85	0.93	1.12	1.22	1.49	1.86	0.95	1.14	1.24	1.49	1.89	0.97	1.16	1.27	1.55	1.94
0.526	1.02	1.22	1.33	1.62	2.03	1.02	1.22	1.34	1.63	2.04	1.04	1.25	1.38	1.63	2.08	1.06	1.27	1.39	1.70	2.12
0.576	1.11	1.33	1.45	1.77	2.21	1.11	1.33	1.46	1.78	2.22	1.13	1.35	1.48	1.78	2.26	1.15	1.38	1.51	1.84	2.30
0.670	1.29	1.54	1.69	2.06	2.57	1.29	1.55	1.70	2.07	2.59	1.31	1.57	1.72	2.07	2.62	1.33	1.60	1.75	2.13	2.67
0.700	1.33	1.60	1.75	2.13	2.66	1.34	1.60	1.75	2.14	2.67	1.35	1.62	1.76	2.14	2.71	1.38	1.65	1.81	2.20	2.75
0.776	1.47	1.76	1.93	2.35	2.94	1.47	1.77	1.83	2.36	2.95	1.49	1.79	1.96	2.36	2.98	1.52	1.82	1.99	2.42	3.03
0.800	1.51	1.81	1.98	2.42	3.02	1.52	1.82	1.99	2.43	3.03	1.53	1.84	2.01	2.43	3.07	1.56	1.87	2.04	2.49	3.12
0.900	1.69	2.03	2.22	2.71	3.39	1.70	2.04	2.23	2.72	3.40	1.72	2.06	2.25	2.72	3.43	1.74	2.09	2.28	2.78	3.48
0.951	1.79	2.14	2.34	2.86	3.57	1.79	2.15	2.35	2.87	3.55	1.81	2.17	2.37	2.87	3.62	1.83	2.20	2.40	2.93	3.65
0.976	1.83	2.20	2.40	2.93	3.66	1.84	2.20	2.41	2.94	3.67	1.85	2.22	2.43	2.94	3.71	1.88	2.25	2.48	3.00	3.76
1.150	2.15	2.57	2.82	3.43	4.29	2.15	2.58	2.82	3.44	4.30	2.17	2.60	2.85	3.44	4.34	2.19	2.63	2.88	3.51	4.38
1.180	2.20	2.64	2.89	3.52	4.40	2.20	2.65	2.90	3.53	4.41	2.22	2.67	2.92	3.53	4.45	2.25	2.70	2.95	3.59	4.49
1.200	2.24	2.68	2.94	3.58	4.47	2.24	2.69	2.94	3.59	4.45	2.26	2.71	2.97	3.59	4.52	2.28	2.74	3.00	3.65	4.57
1.300	2.42	2.90	3.17	3.87	4.84	2.42	2.91	3.18	3.88	4.85	2.44	2.93	3.20	3.80	4.88	2.46	2.96	3.23	3.94	4.83
1.500	2.78	3.34	3.65	4.45	5.56	2.79	3.34	3.65	4.46	5.57	2.80	3.38	3.68	4.46	5.61	2.83	3.39	3.71	4.52	5.65
1.550	2.87	3.44	3.77	4.59	5.74	2.88	3.45	3.78	4.60	5.75	2.89	3.47	3.80	4.60	5.79	2.92	3.50	3.83	4.67	5.83
1.750	3.23	3.88	4.24	5.17	6.47	3.24	3.89	4.25	5.18	6.48	3.26	3.91	4.27	5.18	6.51	3.27	3.93	4.30	5.25	6.56
1.950	3.60	4.31	4.72	5.75	7.19	3.60	4.32	4.73	5.78	7.20	3.62	4.34	4.75	5.78	7.24	3.64	4.37	4.78	5.83	7.28
2.150	3.96	4.75	5.20	6.33	7.92	3.96	4.76	5.20	6.34	7.93	3.98	4.78	5.23	6.34	7.96	4.00	4.80	5.26	6.41	8.01
2.250	4.14	4.97	5.43	6.62	8.28	4.15	4.97	5.44	6.63	8.29	4.18	4.89	5.46	6.63	8.33	4.18	5.02	5.49	6.70	8.37
2.450	4.50	5.40	5.91	7.20	9.00	4.51	5.41	5.92	7.21	9.02	4.53	5.43	5.94	7.21	9.05	4.55	5.46	5.97	7.28	9.10
2.950	5.41	6.49	7.10	8.65	10.8	5.41	6.49	7.11	8.66	10.8	5.43	6.52	7.13	8.66	10.9	5.45	6.54	7.16	8.73	10.9
3.200	5.88	7.03	7.69	9.38	11.7	5.87	7.04	7.70	9.39	11.7	5.89	7.06	7.72	9.39	11.8	5.91	7.09	7.75	9.45	11.8
3.500	6.41	7.68	8.41	10.2	12.8	6.41	7.69	8.41	10.3	12.8	6.43	7.71	8.44	10.3	12.9	6.45	7.74	8.47	10.3	12.9
4.000	7.31	8.77	9.60	11.7	14.6	7.32	8.78	9.60	11.7	14.8	7.34	8.80	9.63	11.7	14.7	7.36	8.83	9.66	11.8	14.7
4.200	7.67	9.21	10.1	12.3	15.3	7.68	9.21	10.1	12.3	15.4	7.70	9.23	10.1	12.3	15.4	7.73	9.26	10.1	12.4	15.4
4.500	8.22	9.86	10.8	13.1	16.4	8.22	9.88	10.8	13.2	16.4	8.24	9.89	10.8	13.2	16.5	8.27	9.91	10.8	13.2	16.4



JIS 鍍 5% 鋁鋅鋼板每米長度重量

Weight of PhuizerFan per meter length according to JIS standard

kg/m

鍍層代號 Coating Mass Designation	Y12					Y18					Y22					Y27					Y35				
	762	914	1000	1219	1250	762	914	1000	1219	1250	762	914	1000	1219	1250	762	914	1000	1219	1250	762	914	1000	1219	1250
0.426	2.65	3.18	3.47	4.23	4.34	2.69	3.23	3.53	4.31	4.42	2.72	3.27	3.57	4.36	4.47	2.77	3.32	3.63	4.42	4.54	2.82	3.39	3.70	4.52	4.63
0.45	2.79	3.35	3.66	4.46	4.58	2.84	3.40	3.72	4.54	4.65	2.87	3.44	3.76	4.59	4.70	2.91	3.49	3.82	4.65	4.77	2.97	3.56	3.89	4.74	4.87
0.50	3.09	3.71	4.06	4.94	5.07	3.14	3.76	4.12	5.02	5.14	3.17	3.80	4.16	5.06	5.19	3.21	3.85	4.21	5.13	5.26	3.27	3.92	4.29	5.22	5.36
0.55	3.39	4.07	4.45	5.42	5.56	3.43	4.12	4.51	5.49	5.63	3.47	4.16	4.55	5.54	5.68	3.51	4.21	4.60	5.61	5.75	3.56	4.28	4.68	5.70	5.85
0.60	3.69	4.42	4.84	5.90	6.05	3.73	4.48	4.90	5.97	6.13	3.76	4.52	4.94	6.02	6.18	3.81	4.57	5.00	6.09	6.24	3.86	4.63	5.07	6.18	6.34
0.65	3.99	4.78	5.23	6.38	6.54	4.03	4.84	5.29	6.45	6.62	4.06	4.87	5.33	6.50	6.67	4.11	4.92	5.39	6.57	6.73	4.16	4.99	5.46	6.66	6.83
0.80	4.88	5.86	6.41	7.81	8.01	4.93	5.91	6.47	7.89	8.09	4.96	5.95	6.51	7.94	8.14	5.00	6.00	6.57	8.00	8.21	5.06	6.07	6.64	8.09	8.30
1.00	6.08	7.29	7.98	9.73	9.98	6.13	7.35	8.04	9.80	10.05	6.16	7.39	8.08	9.85	10.10	6.20	7.44	8.14	9.92	10.17	6.26	7.50	8.21	10.01	10.26
1.20	7.28	8.73	9.55	11.64	11.94	7.32	8.78	9.61	11.71	12.01	7.35	8.82	9.65	11.76	12.06	7.40	8.87	9.71	11.83	12.13	7.45	8.94	9.78	11.92	12.23
1.50	9.07	10.88	11.91	14.51	14.88	9.12	10.94	11.97	14.59	14.96	9.15	10.97	12.01	14.63	15.01	9.19	11.02	12.06	14.70	15.08	9.25	11.09	12.14	14.79	15.17
2.00	12.06	14.47	15.83	19.30	19.79	12.11	14.52	15.89	19.37	19.86	12.14	14.56	15.93	19.42	19.91	12.18	14.61	15.99	19.49	19.98	12.24	14.68	16.06	19.58	20.08
2.50	15.05	18.06	19.76	24.08	24.69	15.10	18.11	19.82	24.15	24.77	15.13	18.15	19.86	24.20	24.82	15.17	18.20	19.91	24.27	24.89	15.23	18.27	19.99	24.36	24.98
3.00	18.04	21.64	23.68	28.87	29.60	18.09	21.70	23.74	28.94	29.68	18.12	21.73	23.78	28.99	29.73	18.16	21.79	23.84	29.05	29.79	18.22	21.85	23.91	29.15	29.89
3.50	21.04	25.23	27.61	33.65	34.51	21.08	25.29	27.67	33.72	34.58	21.11	25.32	27.71	33.77	34.63	21.15	25.37	27.76	33.84	34.70	21.21	25.44	27.84	33.93	34.79
4.00	24.03	28.82	31.53	38.44	39.41	24.07	28.87	31.59	38.51	39.49	24.10	28.91	31.63	38.56	39.54	24.14	28.96	31.69	38.62	39.61	24.20	29.03	31.76	38.72	39.70
4.50	27.02	32.41	35.46	43.22	44.32	27.06	32.46	35.52	43.29	44.39	27.09	32.50	35.56	43.34	44.44	27.13	32.55	35.61	43.41	44.51	27.19	32.62	35.69	43.50	44.61



JIS 鍍 5% 鋁鋅鋼板每台尺長度重量

Weight of PhuizerFan per Taiwan meter length according to JIS standard

kg /台尺

鍍層代號 Coating Mass Designation	Y12					Y18					Y22					Y27					Y35				
	762	914	1000	1219	1250	762	914	1000	1219	1250	762	914	1000	1219	1250	762	914	1000	1219	1250	762	914	1000	1219	1250
0.426	0.80	0.96	1.05	1.28	1.32	0.82	0.98	1.07	1.31	1.34	0.83	0.99	1.08	1.32	1.35	0.84	1.01	1.10	1.34	1.37	0.86	1.03	1.12	1.37	1.40
0.45	0.85	1.01	1.11	1.35	1.39	0.86	1.03	1.13	1.38	1.41	0.87	1.04	1.14	1.39	1.43	0.88	1.06	1.16	1.41	1.45	0.90	1.08	1.18	1.44	1.47
0.50	0.94	1.12	1.23	1.50	1.54	0.95	1.14	1.25	1.52	1.56	0.96	1.15	1.26	1.53	1.57	0.97	1.17	1.28	1.56	1.59	0.99	1.19	1.30	1.58	1.62
0.55	1.03	1.23	1.35	1.64	1.68	1.04	1.25	1.37	1.67	1.71	1.05	1.26	1.38	1.68	1.72	1.06	1.27	1.39	1.70	1.74	1.08	1.30	1.42	1.73	1.77
0.60	1.12	1.34	1.47	1.79	1.83	1.13	1.36	1.48	1.81	1.86	1.14	1.37	1.50	1.82	1.87	1.15	1.38	1.51	1.85	1.89	1.17	1.40	1.54	1.87	1.92
0.65	1.21	1.45	1.59	1.93	1.98	1.22	1.47	1.60	1.96	2.00	1.23	1.48	1.62	1.97	2.02	1.24	1.49	1.63	1.99	2.04	1.26	1.51	1.66	2.02	2.07
0.80	1.48	1.78	1.94	2.37	2.43	1.49	1.79	1.96	2.39	2.45	1.50	1.80	1.97	2.40	2.47	1.52	1.82	1.99	2.43	2.49	1.53	1.84	2.01	2.45	2.52
1.00	1.84	2.21	2.42	2.95	3.02	1.86	2.23	2.44	2.97	3.05	1.87	2.24	2.45	2.98	3.06	1.88	2.25	2.47	3.01	3.08	1.90	2.27	2.49	3.03	3.11
1.20	2.21	2.65	2.89	3.53	3.62	2.22	2.66	2.91	3.55	3.64	2.23	2.67	2.92	3.56	3.66	2.24	2.69	2.94	3.58	3.68	2.26	2.71	2.96	3.61	3.70
1.50	2.75	3.30	3.61	4.40	4.51	2.76	3.31	3.63	4.42	4.53	2.77	3.33	3.64	4.43	4.55	2.78	3.34	3.65	4.45	4.57	2.80	3.36	3.68	4.48	4.60
2.00	3.66	4.38	4.80	5.85	6.00	3.67	4.40	4.82	5.87	6.02	3.68	4.41	4.83	5.88	6.03	3.69	4.43	4.84	5.90	6.05	3.71	4.45	4.87	5.93	6.08
2.50	4.56	5.47	5.99	7.30	7.48	4.58	5.49	6.00	7.32	7.51	4.58	5.50	6.02	7.33	7.52	4.60	5.51	6.03	7.35	7.54	4.61	5.54	6.06	7.38	7.57
3.00	5.47	6.56	7.18	8.75	8.97	5.48	6.58	7.19	8.77	8.99	5.49	6.59	7.21	8.78	9.01	5.50	6.60	7.22	8.80	9.03	5.52	6.62	7.25	8.83	9.06
3.50	6.37	7.65	8.37	10.20	10.46	6.39	7.66	8.38	10.22	10.48	6.40	7.67	8.40	10.23	10.49	6.41	7.69	8.41	10.25	10.52	6.43	7.71	8.43	10.28	10.54
4.00	7.28	8.73	9.55	11.65	11.94	7.29	8.75	9.57	11.67	11.97	7.30	8.76	9.58	11.68	11.98	7.32	8.78	9.60	11.70	12.00	7.33	8.80	9.62	11.73	12.03
4.50	8.19	9.82	10.74	13.10	13.43	8.20	9.84	10.76	13.12	13.45	8.21	9.85	10.77	13.13	13.47	8.22	9.86	10.79	13.15	13.49	8.24	9.88	10.81	13.18	13.52



JIS 鍍 55% 鋁鋅鋼板每米長度重量

Weight of PhuizerLume per meter length according to JIS standard

kg/m

鍍層代號 Coating Mass Designation	AZ120				AZ150				AZ165				AZ180			
	762	914	1000	1219	762	914	1000	1219	762	914	1000	1219	762	914	1000	1219
0.30	1.89	2.27	2.49	3.03	1.92	2.30	2.52	3.07	1.93	2.31	2.53	3.08	1.94	2.33	2.55	3.10
0.35	2.19	2.63	2.88	3.51	2.22	2.66	2.91	3.54	2.23	2.67	2.92	3.56	2.24	2.68	2.94	3.58
0.40	2.49	2.99	3.27	3.99	2.51	3.02	3.30	4.02	2.53	3.03	3.32	4.04	2.54	3.04	3.33	4.06
0.45	2.79	3.35	3.66	4.46	2.81	3.37	3.69	4.50	2.83	3.39	3.71	4.52	2.84	3.40	3.72	4.54
0.50	3.09	3.71	4.06	4.94	3.11	3.73	4.09	4.98	3.12	3.75	4.10	5.00	3.14	3.76	4.12	5.02
0.55	3.39	4.07	4.45	5.42	3.41	4.09	4.48	5.46	3.42	4.11	4.49	5.48	3.43	4.12	4.51	5.49
0.60	3.69	4.42	4.84	5.90	3.71	4.45	4.87	5.94	3.72	4.46	4.89	5.95	3.73	4.48	4.90	5.97
0.65	3.99	4.78	5.23	6.38	4.01	4.81	5.26	6.41	4.02	4.82	5.28	6.43	4.03	4.84	5.29	6.45
0.80	4.88	5.86	6.41	7.81	4.91	5.89	6.44	7.85	4.92	5.90	6.46	7.87	4.93	5.91	6.47	7.89
1.00	6.08	7.29	7.98	9.73	6.10	7.32	8.01	9.76	6.12	7.33	8.03	9.78	6.13	7.35	8.04	9.80
1.20	7.28	8.73	9.55	11.64	7.30	8.76	9.58	11.68	7.31	8.77	9.60	11.70	7.32	8.78	9.61	11.71



JIS 鍍 55% 鋁鋅鋼板每台尺長度重量

Weight of PhuizerLume per Taiwan meter length according to JIS standard

kg /台尺

鍍層代號 Coating Mass Designation		AZ120				AZ150				AZ165				AZ180			
Gauge 板厚(mm)	板寬(mm) Width	762	914	1000	1219	762	914	1000	1219	762	914	1000	1219	762	914	1000	1219
0.30		0.57	0.69	0.75	0.92	0.58	0.70	0.76	0.93	0.58	0.79	0.77	0.93	0.59	0.70	0.77	0.94
0.35		0.66	0.80	0.87	1.06	0.67	0.81	0.88	1.07	0.67	0.81	0.89	1.08	0.68	0.81	0.89	1.09
0.40		0.76	0.91	0.99	1.21	0.76	0.91	1.00	1.22	0.77	0.92	1.00	1.22	0.77	0.92	1.01	1.23
0.45		0.85	1.01	1.11	1.35	0.85	1.02	1.12	1.36	0.86	1.03	1.12	1.37	0.86	1.03	1.13	1.38
0.50		0.94	1.12	1.23	1.50	0.94	1.13	1.24	1.51	0.95	1.14	1.24	1.51	0.95	1.14	1.25	1.52
0.55		1.03	1.23	1.35	1.64	1.03	1.24	1.36	1.65	1.04	1.24	1.36	1.66	1.04	1.25	1.37	1.67
0.60		1.12	1.34	1.47	1.79	1.12	1.35	1.48	1.80	1.13	1.35	1.48	1.80	1.13	1.36	1.48	1.81
0.65		1.21	1.45	1.59	1.93	1.22	1.46	1.59	1.94	1.22	1.46	1.60	1.95	1.22	1.47	1.60	1.96
0.80		1.48	1.78	1.94	2.37	1.49	1.78	1.95	2.38	1.49	1.79	1.96	2.38	1.49	1.79	1.95	2.39
1.00		1.84	2.21	2.42	2.95	1.85	2.22	2.43	2.96	1.85	2.22	2.43	2.96	1.86	2.23	2.44	2.97
1.20		2.21	2.65	2.89	3.53	2.21	2.65	2.90	3.54	2.22	2.66	2.91	3.54	2.22	2.66	2.91	3.55



台正字第7766號-7767號-7856號-7857號-7858號-7932號-7933號-7979號-7980號-7981號-8219號
熱浸鍍鋅/鍍5%鋁鋅-鋅鋁鎂/鍍55%鋁鋅與彩塗烤漆鋼捲
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總公司 (Head Office)



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燁輝 (中國) 常熟廠 Yieh Phui (China) Changshu Works



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