



燁輝企業
YIEH PHUI



燁輝(中国)
YIEH PHUI(CHINA)

钢之美 唯 燁輝
Finest Steel at Yieh Phui

热浸镀锌/镀5%铝-锌/
镀55%铝锌与彩涂烤漆钢卷

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



高雄市那玛夏区民权國小
(3C PVDF 洁冷烤漆钢板)



地理位置

Location

台湾 燁輝企業

位置图 - 燁輝高雄及屏東厂
 土地面积：284,931.93m²
 厂房面积：155,476.56m²

YIEH PHUI, Taiwan

Location of Yieh Phui Kaohsiung
 & Pingtung Works
 Land Area : 284,931.93m²
 Factory Area : 155,476.56m²



大陆 燁輝(中国)

位置图 - 燁輝(中国)常熟厂
 土地面积：338,535m²
 厂房面积：166,498m²

YIEH PHUI (CHINA), China

Location of Yieh Phui (China)
 Changshu Works
 Land Area : 338,535m²
 Factory Area : 166,498m²

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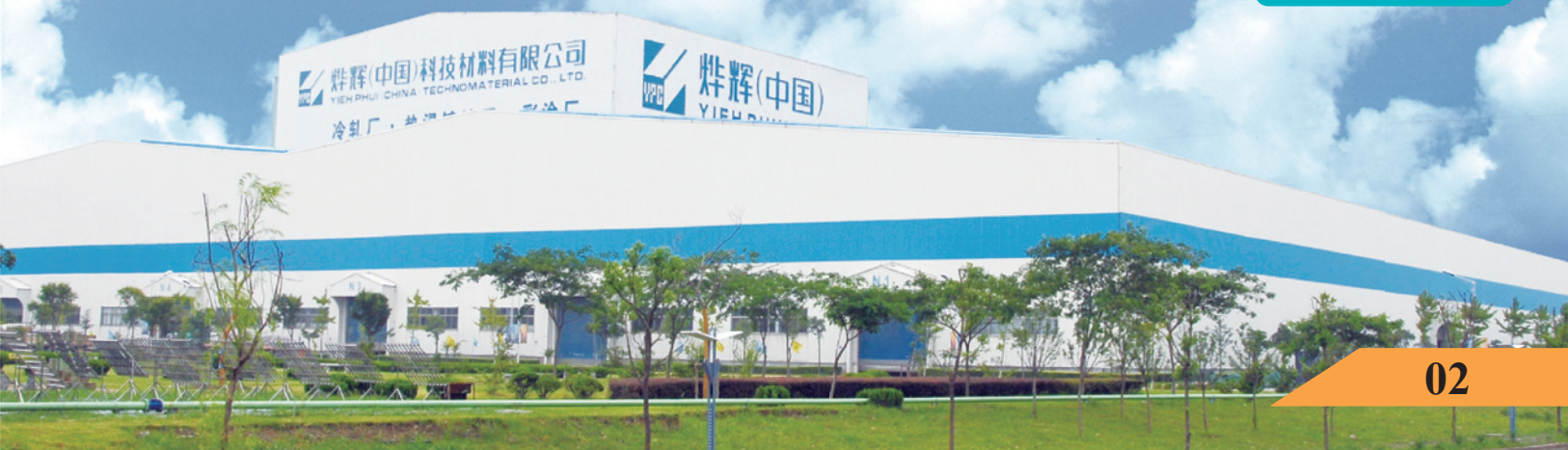
焯辉高雄厂
Kaohsiung Works

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焯辉(中国)常熟厂
Changshu Works



兼具环保及品质的耐久钢材

Environmentally friendly, High quality and Long lasting products

前言

人类对文明的追求往往使大自然遭受不可弥补的破坏，建设与生态的失衡所造成之影响常使人们为了挽救奄奄一息的环境而付出更高的代价，当面临抉择而又需两者兼顾时，一种既可符合文明及环保要求之高技术产品—镀烤钢卷当是最佳的选择。

镀烤钢卷包含热浸镀锌／镀铝-锌钢板与烤漆钢板，除具有使用寿命长、维修费用低廉及减少环境污染之优点外，烤漆钢板更具有艳丽的外观，可提供视觉上更佳享受。加以国民所得提高，镀烤钢板之需求量更是与日俱增。

有鉴于此，烨辉不惜投下巨资于1988年兴建第一期建厂工程，特别引进由世界著名厂商—比利时 COCKERILL MECHANICAL INDUSTRIES 制造之多重功能连续热浸镀锌及连续烤漆钢卷生产线各一套，并由欧洲最大之热浸镀锌与烤漆钢板制造厂比利时 PHENIX WORKS 提供生产技术，秉持欧美重视品质的传统精神，采用最新式之设备，在严密的品质管理下，由熟练的技术人员操作，配合电脑化的生产作业体系，于1991年5月前先后完成酸洗线、冷轧机、热浸镀锌线及烤漆线等第一期建厂设备，可年产热浸镀锌钢卷25万吨及烤漆钢卷15万吨。

另为配合政府国家建设及取代轻型钢用之热轧钢料，烨辉又斥资进行第二期扩建工程，采用加拿大 PRO-ECO 公司设备，于1994年4月底兴建完成年产25万吨之第二条连续热浸镀锌线，生产供应中厚尺寸之热轧热浸镀锌钢卷(HGI)，使烨辉公司成为尺寸供应最完整之镀烤钢卷专业制造厂。

鉴于钢铁市场对薄板之热浸镀烤钢卷需求殷切，故烨辉又进行第三期扩建工程，兴建第二座冷轧机及第三条连续热浸镀锌生产线，其中第二座冷轧机于1996年8月试俾，且已正式进入量产；而第三条连续热浸镀锌线采用日本 KAWASAKI HEAVY INDUSTRIES LTD. 之设备，于1997年

9月投产，本产线亦可生产55%热浸镀铝-锌钢卷，完成后本公司热浸镀锌／镀铝-锌钢卷年总产能更达75万吨，另于1997年2月增购第二条连续烤漆线，使烤漆钢卷之年总产能可达23万吨。烨辉第四期之扩建，增设第三座冷轧机，第四条连续热浸镀锌线与第三条连续烤漆线，均采用日本 KAWASAKI HEAVY INDUSTRIES LTD. 之设备，分别在2000年8月、2月与5月投产，并于2003年镀面钢卷总年产量达到130.5万公吨，烤漆钢卷年产量达43.3万公吨之记录。

为解决酸洗及冷轧产能不足问题，2003年3月购买烨兴企业钢管一厂、钢管二厂、裁板厂及冷轧厂(含酸洗线)等资产，并从事钢管制造与销售，使烨辉企业之产品朝多元性发展。2011年3月基于全球钢管市场经营策略考量，将原钢管事业部之业务独立，成立鑫阳钢铁股份有限公司专责有缝钢管之制造销售。

为着眼广大之大陆市场之发展，于2002年1月在常熟市投资设立「常熟欣瑞科技材料有限公司」(后于2006年10月更名为烨辉(中国)科技材料有限公司)，做为热浸镀锌与烤漆钢卷生产中心。为提供广大用户之即时用料需求，并扩大服务范围，陆续完成烨辉(中国)四期的扩建工程。目前合计台湾与大陆的热浸镀锌年生产量可高达260万吨，成为全球最大热浸镀锌独立之专业制造厂。烨辉(中国)第四期扩建之100万吨之酸连轧线、连续退火线、合金化热浸镀锌线及彩涂烤漆线及第三条热浸镀锌线增设之镀铝槽设备之产品主要供应汽车、家电用途市场。

烨辉及烨辉(中国)均可产制热浸镀锌、镀5%铝-锌、镀55%铝-锌，烨辉(中国)亦可产镀铝-矽及上述产品为底材之彩涂烤漆钢卷，烨辉与烨辉(中国)在产品类别及尺寸皆为最齐全之镀烤钢厂，可提供国内外镀烤钢卷用户一次购足之便利性，强化其市场竞争力及扩大彼此之获利空间。



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 the largest 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 pre-painted 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 2,600,000 metric tonnes. Yieh Phui has become the largest independent coated steel sheet producer in the world. Now Yieh Phui (China) has installed 1.0 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. The 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 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.



生产流程—烨辉高雄及屏东厂

Production Process Overview of Yieh Phui Kaohsiung &



烨辉产线规格表

Yieh Phui Production Line and Capacity

产线别 Line	生产厚度 Thickness (mm)	生产宽度 Width (mm)	年产能 Cap./Year (mt)	制造商 Manufacturer
第一条酸洗线 No.1 PPL	1.50-5.00	600-1575	830,000	ANDRITZ (RUTHNER) (Austria 奥地利)
第二条酸洗线 No.2 PPL	1.50-5.00	900-1250	380,000	TAISTEEL (Taiwan 台湾)、 ANDRITZ (Austria 奥地利)
第一座冷轧机 No.1 CRM	0.15-2.00	600-1300	300,000	HITACHI (Japan 日本)
第二座冷轧机 No.2 CRM	0.15-2.00	600-1300	300,000	HITACHI (Japan 日本)
第三座冷轧机 No.3 CRM	0.15-1.60	700-1600	300,000	K.H.I.(JSP)* (Japan 日本)、 TOSHIBA (Japan 日本)
第四座冷轧机 No.4 CRM	0.60-2.40	900-1224	120,000	SUECO (Sweden 瑞典)、 ROCKWELL (U.S.A. 美国)
第一条连续式 热浸镀锌线 No.1 CGL	0.25-2.00	600-1550	250,000	C.M.I. (Belgium 比利时)、 STEIN HEURTEY (France 法国)、 CEGELEC (France 法国)
第二条连续式 热浸镀锌线 No.2 CGL	0.70-4.50	450-1300	250,000	PRO-ECO (Canada 加拿大)、 EFCO (U.S.A. 美国)、 RELIANCE (Canada 加拿大)
第三条连续式 热浸镀锌线 No.3 CGL	0.15-1.25	600-1300	250,000	K.H.I.(JSP) (Japan 日本)、 EFCO (U.S.A. 美国)、 CEGELEC (France 法国)
第四条连续式 热浸镀锌线 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)
第一条连续式 烤漆线 No.1 CCL	0.25-1.30	600-1250	150,000	C.M.I. (Belgium 比利时)、 STEIN HEURTEY (France 法国)、 CEGELEC (France 法国)
第二条连续式 烤漆线 No.2 CCL	0.25-1.20	600-1250	80,000	NAGAOKA (Japan 日本)、 MITSUBISHI (Japan 日本)
第三条连续式 烤漆线 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. 的钢铁厂销售部门于 2003 年与 JSP 合并。
K.H.I.'s Steel Plant Sales Group merged with JSP in 2003.



热轧钢卷
Hot-Rolled
Steel Coils



酸洗钢卷
Hot-Rolled
Pickled Steel
Coils



酸洗线
Push-Pull
Pickling Line



酸洗钢卷
Hot-Rolled Pickled
Steel Coils



冷轧机
Reversing
Cold Rolling
Mill



冷轧全硬钢卷
Cold-Rolled Full
Hard Steel Coils



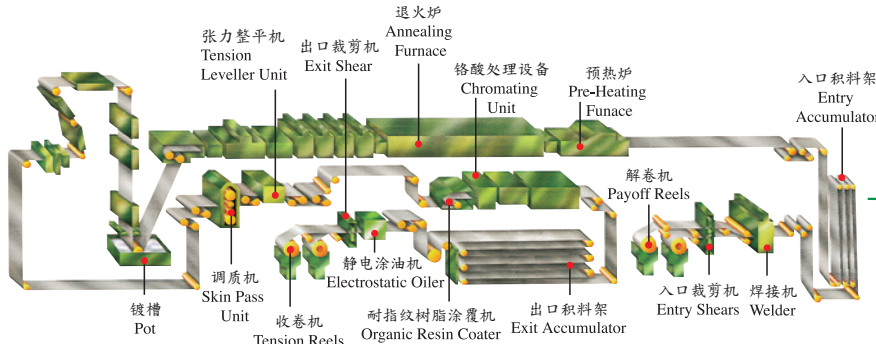
热浸镀锌钢卷
(美利新PhuizerZinc)
Hot-Dip Galvanized
Steel Coils



热浸镀5%铝-锌钢卷
(铝锌凤PhuizerFan)
Hot-Dip 5% Al-Zn
Coated Steel Coils



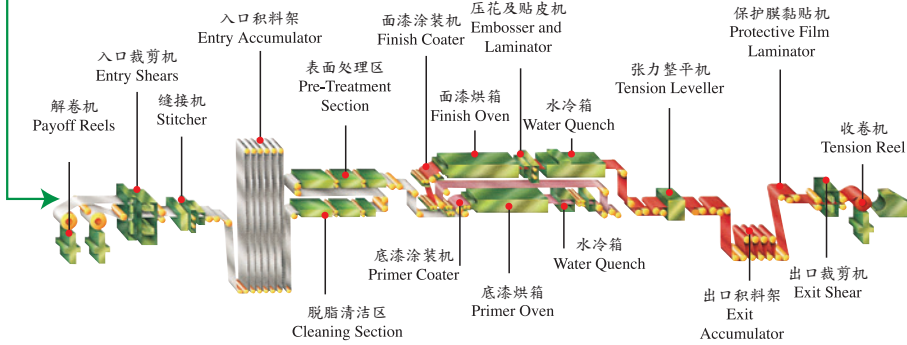
热浸镀55%铝-锌钢卷
(铝锌PhuizerLume)
Hot-Dip 55% Al-Zn
Coated Steel Coils



连续式热浸镀锌生产线
Continuous Hot-Dip Galvanizing Line



冷轧钢卷
Cold-Rolled
Steel Coils



连续式烤漆线
Continuous Coil Coating Line



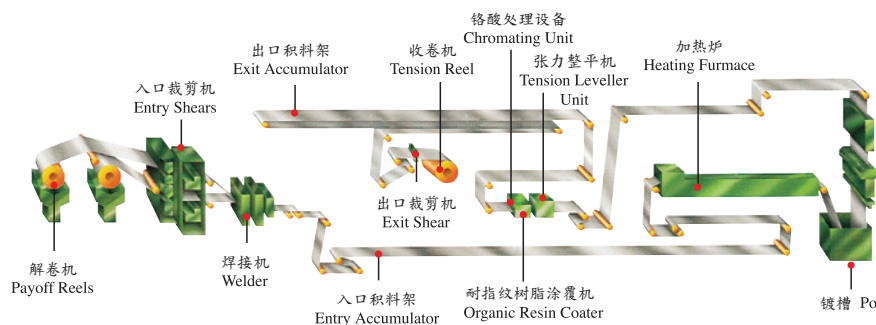
热浸镀锌烤漆钢卷
(彩色新ColorZink)
Prepainted Hot-Dip
Galvanized Steel
Coils



热浸镀5%铝-锌烤漆钢卷
(彩色凤ColorFan)
Prepainted Hot-Dip
5% Al-Zn Coated
Steel Coils



热浸镀55%铝-锌烤漆钢卷
(彩色龙ColorLume)
Prepainted Hot-Dip
55% Al-Zn Coated
Steel Coils



第二条连续式热浸镀锌生产线
No.2 Continuous Hot-Dip Galvanizing Line



热浸镀锌钢卷
(美利新PhuizerZink)
Hot-Dip Galvanized
Steel Coils



热浸镀5%铝-锌钢卷
(铝锌凤PhuizerFan)
Hot-Dip 5% Al-Zn
Coated Steel Coils



生产流程—焯辉（中国）常熟厂

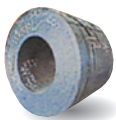
Production Process Overview of Yieh Phui (China)

焯辉（中国）产线规格表
Yieh Phui (China) Production Line and Capacity

产线别 Line	生产厚度 Thickness (mm)	生产宽度 Width (mm)	年产能 Cap./Year (mt)	制造商 Manufacturer	首颗钢卷产出时间 Date of First Coil Produced
酸洗线 PPL	1.00~5.00	600~1575	900,000	ANDRITZ (RUTHNER) (Austria 奥地利)	2004. 12. 09
第一条酸连轧线 No.1 PLTCM	0.20~2.50	800~1650	1,000,000	DANIELI (Italy 义大利)	2015.02.15
第一座冷轧机 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
第二座冷轧机 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
第一条连续式退火线 No.1 CAL	0.23~2.50	800~1650	500,000	CISDI 中冶赛迪 (China 中国)	2015.08.10
第一条连续式 热浸镀锌线 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
第二条连续式 热浸镀锌线 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
第三条连续式 热浸镀锌线 No.3 CGL	0.20~2.00	762~1550	300,000	DANIELI (Italy 义大利)、 EFCO (U.S.A. 美国)	2008. 12. 20
第四条连续式热浸镀锌线 (可生产合金化钢卷) No.4 CGL (It can also produce hot-dip galvannealed steel coils.)	0.40~2.50	800~1650	400,000	ANDRITZ (Austria 奥地利)	2018.01.18
第一条连续式 烤漆线 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
第二条连续式 烤漆线 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
第三条连续式烤漆线 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) 为 2001 年由 JFE、K.H.I. (Kawasaki Heavy Industries)、Hitz (Hitachi Zosen) 及 S.H.I. (Sumitomo Heavy Industries) 四家公司合资成立之公司。

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).



热轧(直发)钢卷
Hot-Rolled
(Bands)
Steel Coils



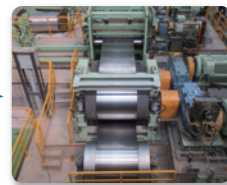
酸洗线
Push-Pull Pickling Line



酸连轧线/PLTCM
Pickling & Tandem Cold Mill



往复式冷轧机/CRM
6-Hi, Reversing Cold Rolling Mill



连续式退火线/CAL
Continuous Annealing Line



酸洗钢卷
Hot-Rolled Pickled
Steel Coils



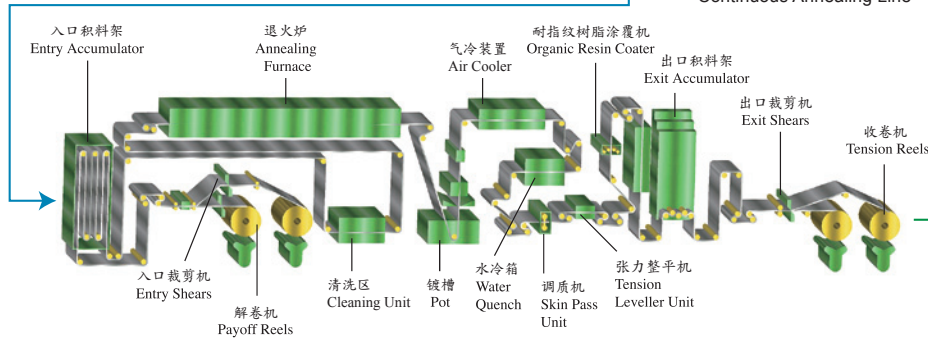
冷轧全硬钢卷
Cold-Rolled Full Hard
Steel Coils



冷轧退火钢卷
Cold-Rolled Annealed
Steel Coils



汽车用冷轧钢卷
Cold-Rolled Steel
Coils for Automotive



连续式热浸镀锌生产线
Continuous Hot-Dip Galvanizing Line



非氧化燃烧退火炉 /NOF



镀锌槽/Pot



热浸镀锌钢卷
(美利新 PhuizerZinc)
Hot-Dip Galvanized
Steel Coils



热浸镀5%铝-锌钢卷
(铝锌风PhuizerFan)
Hot-Dip 5% Al-Zn
Coated Steel Coils



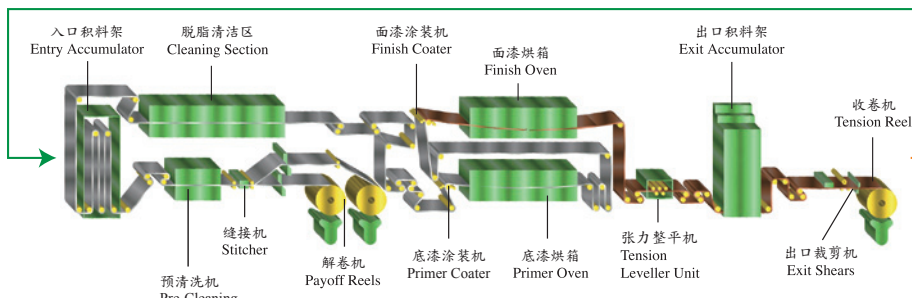
热浸镀55%铝-锌钢卷
(铝锌龙PhuizerLume)
Hot-Dip 55% Al-Zn
Coated Steel Coils



汽车用合金化热浸镀锌钢卷
Hot-Dip Galvannealed
(Zinc-Iron Alloy Coated)
Steel Coils for Automotive



热浸镀铝-硅钢卷
Hot-Dip Al-Si
Coated Steel Coils



连续式烤漆线
Continuous Coil Coating Line



热浸镀锌烤漆钢卷
(彩色新 ColorZink)
Prepainted Hot-Dip
Galvanized Steel Coils



热浸镀5%铝-锌烤漆钢卷
(彩色风 ColorFan)
Prepainted Hot-Dip
5% Al-Zn Coated
Steel Coils



热浸镀55%铝-锌烤漆钢卷
(彩色龙 ColorLume)
Prepainted Hot-Dip
55% Al-Zn Coated
Steel Coils

连续镀制生产线制程介绍

Coating Line's Processes for
PhuizerZinc, PhuizerFan & PhuizerLume

前处理及退火

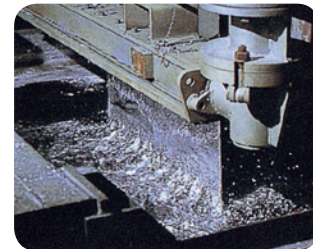
采用最新式非氧化性直火燃烧炉 (Non-Oxidizing Direct Flame Furnace) 先将原板 (冷轧或热轧酸洗钢板) 表面之残油除去, 再进入退火炉, 加热至再结晶温度以上, 使钢板软化, 以利用户之成形加工。

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.



非氧化性直火燃烧退火炉
NOF



自锌槽升起之钢板与空气刀
Air Knife

锌花调整

以空气刀控制镀层量后再以锌粉吹射尚未固化之锌层或以微细化水雾喷射锌层, 或控制镀槽成分, 均可得微细锌花或无锌花表面。

调质与整平

高性能之调质机及张力整平机, 可改善镀层表面之均匀性及板形, 提高产品品质。

表面处理

于镀层之表面施予铬酸化或涂覆有机树脂 (耐指纹涂膜) 处理, 以减少或避免在储存、使用时白锈之产生。

Mini Spangle Device

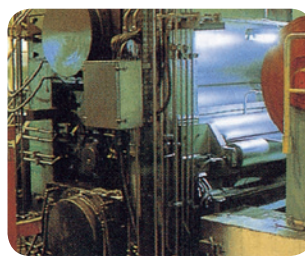
The thickness of the coating layer is precisely controlled by the air knife. Zinc powder or atomized fog are blown on to the coating layer before it solidifies to produce minimized (zero) spangles. Another way to produce minimized (zero) spangles is through control of the metal pot composition.

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.



调质机
Skin Pass Unit



耐指纹树脂涂覆机
Organic Resin Coater

镀锌 / 镀铝 - 锌制程

镀槽内添加铝 (Al), 抑制脆硬之锌铁合金层的形成, 可得成形性优越, 附着性良好之热浸镀锌钢板。此产品命名为「美利新镀锌钢板 (PhuizerZinc)」。本公司亦可生产镀 5% 铝 - 锌及镀 55% 铝 - 锌钢板, 主要系在此制程之改变。

镀 5% 铝 - 锌钢板产品名称为「铝锌凤 (PhuizerFan)」, 因含有微量之钢钒合金成分可以改善钢板镀层之湿润性, 提供绝佳之成形性与冲压性, 优良之涂装性及良好的熔接性。

镀 55% 铝 - 锌钢板产品名称为「铝锌龙 (PhuizerLume)」, 镀层铝含量约 55%、矽含量约 1.5%, 具有优良之抗腐蚀性、抗高温氧化性和热反射性及良好的涂装性。

ZAC 协会颁发之镀 55% 铝 - 锌钢卷生产突破 2 百万吨荣誉
“SPECIAL AWARD FOR PRODUCTION OF 2,000,000 TONS OF GALVALUME SHEET”
issued by ZAC (the Zinc Aluminum Coaters Association)



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.

镀制钢卷之特色

Characteristics of PhuizerZinc, PhuizerFan & PhuizerLume



高耐候性

底材(原板)因有镀层(锌、5%铝-锌或55%铝-锌)之覆盖及牺牲阳极之保护作用而延长了使用寿命。再加上铬酸或耐指纹树脂涂覆处理,可提供更佳之耐候性。

附着性佳

藉由控制降低镀层中脆硬之锌铁合金层,镀层之附着性特佳,可用于扣锁成形(Lock Forming)用途。

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.

涂装性良好

细化之锌花再经调质轧延所得之超平滑表面镀面钢板,表面平滑均匀,适合于涂装用途。再者,合金化之镀锌钢板表面微观组织呈海绵针状,涂装之附着性亦非常优越。

制品种类齐全

烨辉设有最专业之连续式热浸镀锌线,厚度0.15~4.5mm,宽度450~1550mm,除可供应正常锌花、微细锌花、超平滑表面等热浸镀锌产品外,亦可生产镀5%铝-锌及镀55%铝-锌钢板,烨辉(中国)则可生产至1650mm宽度,产品除上述种类外,更可生产锌-铁合金化与铝-矽合金之产品,产品种类最多、尺寸最齐全。

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 and PhuizerLume coated steels. Yieh Phui (China) can produce the width up to 1650mm. Apart from the products above, it also produces hot-dip galvannealed and Al-Si coated steel sheets. It has most diverse product mix and dimensions.



表面精整与各种镀层之特性比较

Characteristics and Comparison of Different Surface Aspects and Coating Types

产品 Product	热浸镀锌 PhuizerZinc (Zinc Coated)				热浸镀 5% 铝-锌 PhuizerFan (5%Al-Zn Coated)	热浸镀 55% 铝-锌 PhuizerLume (55%Al-Zn Coated)	
	一般锌花 Regular Spangle	微细(无)锌花 Minimized (Zero) Spangle	超平滑表面 Extra Smooth Surface	合金化 Galvannealed			
特性 Characteristics	镀锌层以正常方式固化产生锌花。 Spangle produced by crystallization solidification.	控制镀槽成份组成,可得微细锌花或称无锌花。 Control the composition of pot to achieve minimized spangle.	镀锌后再经调质轧延,造成平滑表面。 Temper rolling produces an extra smooth surface.	钢带出镀锌槽后,以合金化炉处理,使镀层形成锌铁合金层。 The galvanized strip is heated to alloy the zinc-iron layer.	镀槽成分控制为约5%铝及微量的镧(La)与铈(Ce)之稀土元素混合物其余为锌,生产而得之铝-锌合金层。 The coating alloy comprises about 5% aluminum, mischmetals and balanced Zn.	镀槽成分控制为约55%铝,约1.5%矽,其余为锌,生产而得之铝-锌-矽合金层。 The coating alloy comprises about 55% Al, 1.5% Si and balanced Zn.	
制造方法 Production Method							
特性 Characteristics	附着性良好耐候性佳。 Good adhesion and weathering resistance.	表面平滑,涂漆后表面均匀美观。 Uniform surface and attractive finish after painting.	表面平滑,涂漆后表面均匀美观。 Uniform surface and attractive finish after painting.	表面无锌花且粗糙,涂装性良好,焊接性佳。 No spangle and rough surface. Good paintability and weldability.	表面无锌花且粗糙,涂装性良好,焊接性佳。 Good formability, excellent paintability and superior corrosion resistance.	表面锌花均匀一致,外观高雅,有良好之附着性。 Uniform and pleasing appearance, and good adhesion.	
用途 Applications	最适用 Most Suitable	防撞护栏、送风机、风管、导管。 Guardrails, ventilation ducts, gutters and down spouts.	排水管、天花板支机、电导线管、卷门边柱、中柱、烤漆用途。 Pre-paint and post-paint applications, gutters and down spouts, ceiling suspension bars, shutter door rails.	排水管、汽车组件、电器设备、冷冻柜、电冰箱、烤箱、烤漆用途。 Gutter and down spouts, auto parts, electrical appliances, refrigerators, fridges, ovens, prepainting.	汽车钣金、汽车组件、铁卷门、标示、招牌、自动贩卖机、电冰箱、洗衣机、展示柜。 Automotive stamping parts, automotive parts, shutter doors, signs, vending machines, refrigerators, washing machines, showcases.	C.Z型钢、空调风管、窗部门框、汽车内部零件、自动贩卖机、防撞护栏围篱。 C.Z purlin, gutters, door frame, auto parts, vending machines, guardrails.	风管、汽车组件、电器设备、自动贩卖机、电冰箱、烤箱、烤漆用途。 Ducts, auto parts, electrical appliances, vending machines, refrigerators, ovens, pre-painting.
	适用 Suitable	铁卷门、排水管、天花板支架。 Shutter doors, gutters and down spouts, ceiling suspension bars.	汽车车体、防撞护栏、送风机。 Automotive parts, guardrails, ventilation ducts.	汽车车体、防撞护栏、空调风管。 Automotive parts, guardrails, ventilation ducts.	电器设备外壳、办公室桌柜。 Casing for electrical equipment, office furniture	洗衣机、烤漆用途等。 Washing machines, pre-painting applications.	展示柜、电冰箱、烤箱、轻量型钢。 Showcases, fridges, ovens, purlin.

烤漆钢卷之组成

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

结构

烤漆钢板系使用镀面钢卷做为底材，先经表面处理在上下板面形成表面处理化成皮膜，再涂覆以高分子有机树脂之底漆及面漆所构成之高级烤漆钢板。每一组成介面均扮演着其独有并且重要的机能，然后汇合成烤漆钢板整体的优良品质。

底材

烤漆钢板除了使用热浸镀锌 / 镀铝 - 锌钢卷做为底材外，尚可使用冷轧、电镀锌、镀铝、不锈钢等钢卷及铝卷做为底材。

镀锌钢板为底材所产出之烤漆制品称为「彩色新烤漆钢板 (ColorZink)」，以镀 5% 铝-锌钢板为底材所产出之制品称为「彩色风烤漆钢板 (ColorFan)」，而以镀 55% 铝 - 锌钢板为底材所产出之制品称为「彩色龙烤漆钢板 (ColorLume)」。

涂膜

烤漆钢板之涂膜除可使用聚酯树脂 (PE)、矽质强化树脂 (SMP)、氟碳树脂 (PVDF)、亚克力树脂 (AC)、聚氨酯树脂 (PU)、聚氯乙烯可塑溶胶涂料 (PVC)(可再经压花成各种纹路) 及聚偏二氟乙烯树脂 (PVF2) 等涂料外，亦可生产高膜厚涂膜之高级烤漆产品与特殊性能之烤漆产品，如白板、绿板、消光艺术钢板、防静电烤漆钢板、耐候洁净烤漆钢板、抗菌钢板等。

特殊涂膜—辉彩

辉彩消光矿纤涂膜，适用于室外建材、钢瓦、室内装潢、室内隔间板、家电产品等。

Coating Film

Polyester (PE), Silicone Modified Polyester (SMP), Fluorocarbon (PVDF), Acrylic (AC), Polyurethane (PU), PVC Plastisol (it can be embossed to versatile texture) and PVF2 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--Phui Chye

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.

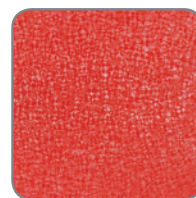
Base Metal

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.

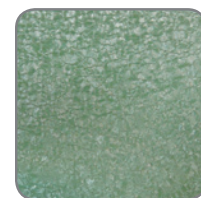
The galvanized base steel's product name is "ColorZink", and 5% Al-Zn coated steel's product name is "ColorFan", and 55% Al-Zn coated steel's product name is "ColorLume".



辉彩消光矿纤涂膜 Patterns of Phui Chye



● 珊瑚红
Coral Red



● 翡翠绿
Emerald Green



● 白金银
Platinum Silver

另有 9 种颜色可供选用。

Nine other colors have been developed for use.

烤漆钢卷之特色

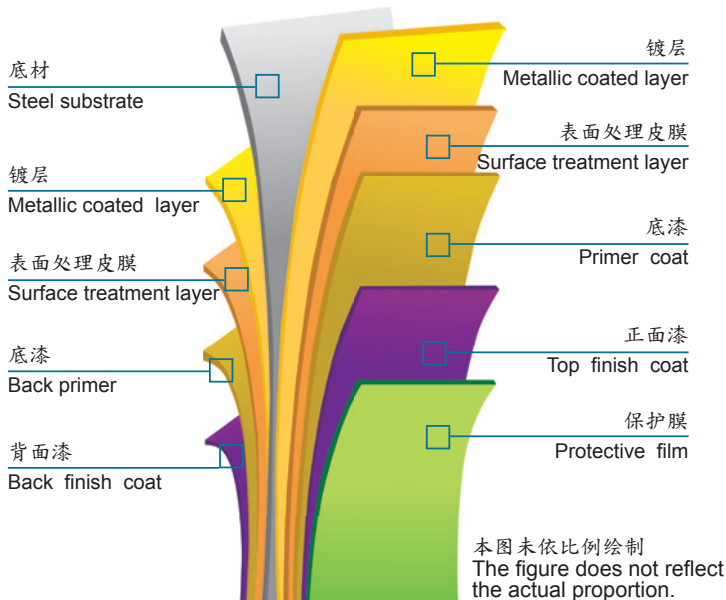
Characteristics of ColorZink, ColorFan & ColorLume



更广泛的适用性

烤漆钢板可使用不同的底材、多类树脂及极富变化的色彩提供用户更多重选择，这些特色丰富了建筑物、室内装潢、家电用品及各种新产品设计的灵感泉源。本公司的设备更具有生产表面涂层压花及金属压花等高级产品的能力，使烤漆钢板拥有更广的适用性。

二涂二烤的涂装方式 2 COAT 2 BAKE SYSTEM



特高的经济效益

烤漆钢板的耐久性及适用性，使用户以低廉的装设与维护费用就可获得更长的使用年限，与一般传统的涂装作业方式比较，采用焯辉/焯辉(中国)产品可以减少人力、工程、设备及环保方面的支出。

Excellent Cost Effectiveness

ColorZink, ColorFan 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 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

烤漆钢板所使用的热浸镀面底材，在制造过程中先经连续镀锌线之退火炉施以热处理，底材之加工成形性可依用户之需要做适当的调整以生产一般用、冲压用、深冲用、扣锁成形、结构用等各类产品。再者，烤漆产品所使用最新配方之树脂涂料，其涂膜具有优异的屈曲，即使在高速成形时亦具有良好之成形性而不会剥离。

Outstanding Formability

The substrate of ColorZink, ColorFan 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.

优异的耐久性

烤漆钢板采用精选的热浸镀面钢板底材及最新配方的树脂涂料，以二涂二烤的涂装工程涂覆在底材上。产品之耐冲击性、耐摩擦性、耐化学药品性、耐腐蚀性及耐候性俱优，使用寿命最长。

Superb Durability

ColorZink, ColorFan 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.



镀制钢卷用途与应用实绩

Applications & Application References of
PhuizerZinc, PhuizerFan & PhuizerLume

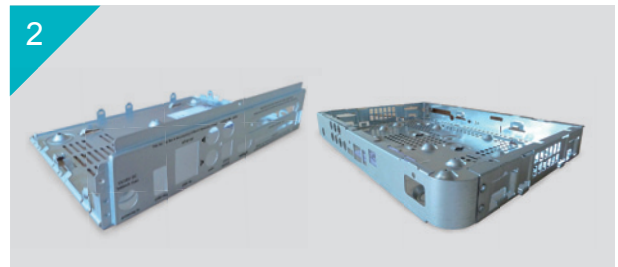
镀面钢板可提供良好的耐候性、附着性及成形性等优良的特性，适用于汽车组件、电脑外壳、隔间内骨、自动贩卖机、楼承板、鹰架钢管……等用途，并可作为烤漆钢板之底材。

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

云端伺服器
Cloud Server



2

数位机上盒
Digital TV Set-Top Box



3

飞机停机堡屋顶
超高镀层热浸镀锌钢板
Roof Decking of Aircraft Fortress
Galvanized Steel Sheet with Very Large Coating Mass



4

谷物筒仓，镀 5% 铝-锌钢板
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

车辆轮弧盖，深加工级热浸镀锌钢板
Vehicle's Fender
Deep Forming Galvanized Steel Sheet



6

鸡舍结构支架 (泰国)，热浸镀 5% 铝-锌钢板
Frame of a Hen House (Thailand)
Hot-Dip 5% Al-Zn Coated Steel Sheet

- Phuizer
- PhuizerZinc
- PhuizerFan
- PhuizerLume
- PhuizerGreen



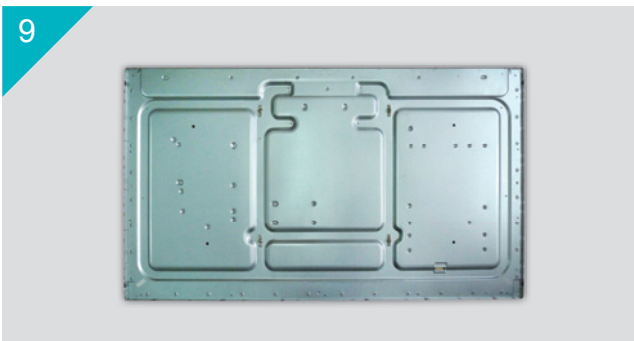
7

中国大陆福州高铁站
使用烨辉(中国)热浸镀5%铝-锌钢板
China High-Speed Railway--Fuzhou Station
Hot-Dip 5% Al-Zn Coated Steel Sheet



8

空调风管, 抗菌镀锌钢板
Ducting
Anti-Microbial Metallic Coated Steel Sheet



9

背光模组背板
镀55%铝-锌钢板
Back Panel of Backlight Module
Hot-Dip 55% Al-Zn Coated Steel Sheet



10

汽车电动椅马达盖
热浸镀5%铝-锌钢板
Motor Housing of Power-Adjustable Automotive Seat
Hot-Dip 5% Al-Zn Coated Steel Sheet



11

镀锌车斗推车
深加工级热浸镀锌钢板
Cart
Deep Forming Galvanized Steel Sheet



12

汽车喇叭
深加工级镀5%铝-锌钢板
Motor Speaker
Deep Forming 5% Al-Zn Coated Steel Sheet



镀制钢卷用途与应用实绩

Applications & Application References of
PhuizerZinc, PhuizerFan & PhuizerLume



13

太阳能板支架
热浸镀 5% 铝-锌钢板
Solar Panel Bracket
Hot-Dip 5% Al-Zn Coated Steel Sheet



14

高雄市义大癌治疗医院楼承板
热浸镀 5% 铝-锌钢板
Floor Decks of E-Da Cancer Hospital, Kaohsiung, Taiwan
Hot-Dip 5% Al-Zn Coated Steel Sheet



16

楼承板 (澳洲墨尔本皇家儿童医院实照)
热浸镀 5% 铝-锌钢板
Floor Decks of the Royal Children's Hospital in Melbourne, Australia
Hot-Dip 5% Al-Zn Coated Steel Sheet



15

温室棚架管，热浸镀 5% 铝-锌钢板
Steel Tube Shacks for Greenhouse
Hot-Dip 5% Al-Zn Coated Steel Sheet



17

温室支架管，热浸镀 5% 铝-锌钢板
Steel Tube Supporters for Greenhouse
Hot-Dip 5% Al-Zn Coated Steel Sheet

- Phuizer
- PhuizerZinc
- PhuizerFan
- PhuizerLume
- PhuizerGreen



18



楼承板及风管 (台北 101 大楼实照)
楼承板使用热浸镀 5% 铝-锌钢板, 风管使用热浸镀锌钢板
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



楼承板, 高雄市义享天地 (精品购物广场、观光饭店等)
热浸镀 5% 铝-锌钢板
Floor Decks of E Sky Land (Boutique Shopping Mall, Hotels, etc.), Kaohsiung
Hot-Dip 5% Al-Zn Coated Steel Sheet

19



高雄展览馆 (前称: 高雄世界贸易展览会议中心)
楼承板, 热浸镀锌钢板
经销 / 佳德建材
Floor Decks of Kaohsiung Exhibition Center, Kaohsiung, Taiwan
Hot-Dip Galvanized Steel Sheet

21



台南成功大学孙运璿绿建筑研究大楼风管
高效抗菌健康环保钢板
The Y. S. Sun Green Building Research Center, Tainan, Taiwan
Anti-Microbial Plus Metallic Coated Steel Sheet for Air Ducting



*1
*2

*1 台湾内政部颁发之「钻石级」最优等级绿建筑标章
Diamond level, the highest level of green building certification mark EEWH, from Ministry of Interior, Taiwan
*2 此研究大楼更获得美国绿建筑协会 LEED 最高「白金级」绿建筑标章。
The center is also awarded the top certification mark LEED by the U.S. Green Building Council.



烤漆钢卷用途与应用实绩

Applications & Application References of ColorZink, ColorFan & ColorLume

烤漆钢板提供各种不同的色彩，适用于家电业之产品外壳，装潢业之建材：屋顶、隔间、大楼面板、厂房、电梯面板……用途，更可生产PVC压花或贴皮、白板、绿板、消光艺术钢板、抗静电烤漆钢板、耐候洁净烤漆钢板、抗菌钢板等之高级烤漆钢卷。

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 高雄科学园区(路竹)群创光电八厂，建筑外墙
External Walls of Innolux Display Corp. LCD Fab., Kaohsiung Science Park, Luzhu, Taiwan



2 隔间面板
Partition



3 车库门板
Garage Door



4 门板
Entry Door



5 洗衣机外壳
Washing Machine Case



6 液晶显示器后盖
Rear Cover of LCD Monitor

- ColorZink
- ColorFan
- ColorLume



7
 云林县台塑石化工业轻油裂解厂厂房
 高膜厚 PVDF 烤漆钢板
 Naphtha Cracking Plant, Formosa Petrochemical Corporation, Yunlin, Taiwan
 High Build PVDF Pre-Painted Steel Sheet



8
 高雄市义大医院空中走廊屋顶
 PVDF 烤漆钢板
 Roofing of Sky Corridor, E-Da Hospital, Kaohsiung, Taiwan
 Paint Type: PVDF



9
 高雄市义大医院国际微创手术训练中心
 室内隔间墙板，抗菌烤漆钢板
 International Minimally Invasive Surgery Training Center, E-Da Hospital, Kaohsiung, Taiwan
 Partition, Anti-Microbial Pre-Painted Galvanized Steel Sheet



10
 台北捷运土城机厂屋顶，PVDF 烤漆钢板
 Roofing of Tucheng Depot of Taipei Rapid Transit Corp., Taiwan
 Paint Type: PVDF



11
 台湾高铁高雄燕巢总机厂屋顶 / 侧墙，PVDF 烤漆钢板
 Roofing/Siding of Taiwan High Speed Rail–Yencho Main Workshop, Kaohsiung, Taiwan
 Paint Type: PVDF



烤漆钢卷用途与应用实绩

Applications & Application References of ColorZink, ColorFan & ColorLume

12



高雄市前镇区红毛港小学屋顶，PVDF 烤漆钢板 *1
经销 / 荔茂金属 (股) 公司
承造 / 将达工程有限公司
Roofing of Kaohsiung Hongmaogang Primary School, Kaohsiung, Taiwan
Paint Type: PVDF



13



高雄市那玛夏区民权国民小学屋顶 *1
3C PVDF 洁冷烤漆钢板
经销 / 荔茂金属 (股) 公司
承造 / 长增股份有限公司
Roofing of Kaohsiung Namasia Mincyuan Elementary School, Kaohsiung, Taiwan
Paint Type: PVDF Clean ColorCool

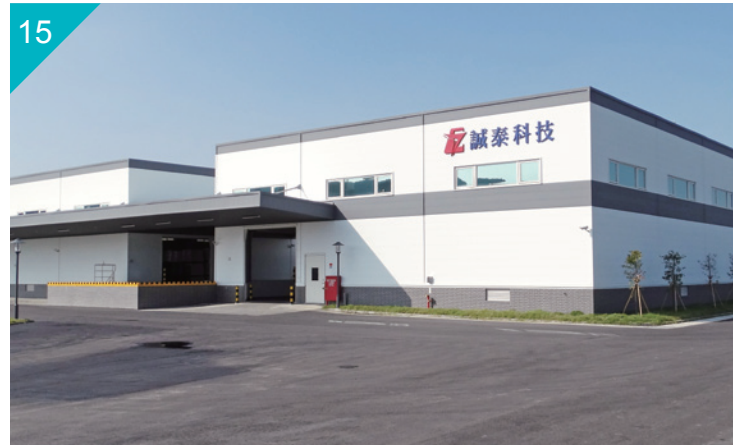


14



台南立峰井实业边墙，辉彩消光矿纤烤漆钢板
经销 / 荔茂金属 (股) 公司
Siding of Lih Feng Jiing Enterprise Co., Ltd., Tainan, Taiwan
Crystallite Silky Pre-Painted Steel Sheet

15



高雄科学园区诚泰工业科技 (股) 公司边墙，辉彩消光矿纤烤漆钢板
经销 / 荔茂金属 (股) 公司
Siding of Cheng Tay Technology Co., Ltd., Kaohsiung Science Park, Taiwan
Crystallite Silky Pre-Painted Steel Sheet

*1 台湾内政部颁发之「钻石级」最优等级绿建筑标章
Diamond level, the highest level of green building certification mark EEWH, from Ministry of Interior, Taiwan

- ColorZink
- ColorFan
- ColorLume



16



澎湖县立游泳馆屋顶 / 侧墙，PVDF 烤漆钢板
Roofing/Siding of Penghu County Swimming Pool, Penghu, Taiwan
Paint Type: PVDF

17



台南和鑫光电(股)公司 - 南科厂屋顶 / 外墙，PVDF 烤漆钢板
经销 / 荔茂金属(股)公司，承造 / 圆加有限公司
Roofing/Siding of HannsTouch Solution Incorporated--Tainan
Feb 2, Tainan, Taiwan
Paint Type: PVDF

18



高雄科学园区东台精机(股)公司室外三明治板
洁净节能(3C)高耐磨耗(RA)及高耐磨耗(RA) PVDF 烤漆钢板
Sandwich Panels for Outdoor Use at Tongtai Machine & Tool
Co., Ltd., Kaohsiung Science Park, Taiwan
Paint Type: RA PVDF & 3C-RA PVDF

19



台湾清华大学校友体育馆屋顶 / 侧墙，PVDF 烤漆钢板
经销 / 荔茂金属(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



高雄市东丽尖端薄膜厂房，2C 洁能烤漆钢板
经销 / 荔茂金属(股)公司
承造 / 万里钢品(股)公司
Toray Advanced Film Kaohsiung Co., Ltd., Kaohsiung, Taiwan
Paint Type: SMP Clean ColorCool



烤漆钢卷用途与应用实绩

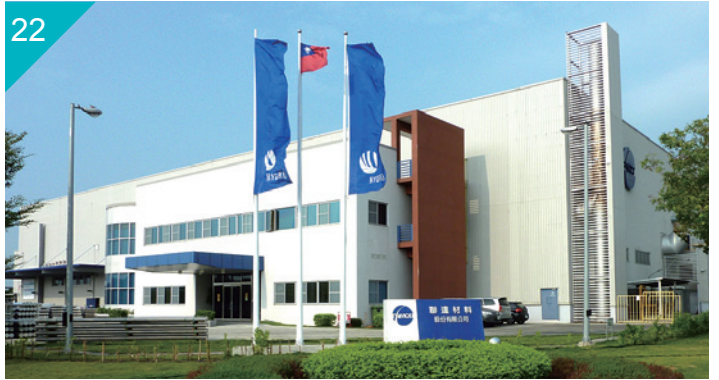
Applications & Application References of
ColorZink, ColorFan & ColorLume

21



台南荣钢材料科技精炼厂屋顶 / 外墙，3C PVDF 洁冷烤漆钢板
Roofing/Siding of Gloria Material Technology Corp., Tainan, Taiwan
Paint Type: PVDF Clean ColorCool

22



云林联达材料(股)公司屋顶 / 外墙，PE 烤漆钢板
Roofing/Siding of Formosa Alloy Material Co., Ltd., Yunlin, Taiwan
Paint Type: PE

23



桃园县东和钢铁企业(股)公司屋顶 / 外墙，PVDF 烤漆钢板
Roofing/Siding of Tung Ho Steel Enterprise Corp., Taoyuan, Taiwan
Paint Type: PVDF

24



苗栗县裕隆汽车厂，PVDF 烤漆钢板
Plant Building of Yulon Motors, Miaoli, Taiwan
Paint Type: PVDF

25



高雄市光阳工业(股)公司屋顶，SMP 烤漆钢板
Roofing of Kwang Yang Motor Co., Ltd., Kaohsiung, Taiwan
Paint Type: SMP

26



屏东农业生物科技园区侧墙，PVDF 钢板
Siding of Pingtung Agricultural Biotechnology Park, Taiwan
Paint Type: PVDF

- ColorZink
- ColorFan
- ColorLume



27



宜兰市果菜批发市场办公室屋顶
 3C PVDF 洁冷烤漆钢板
 经销 / 荔茂金属(股)公司
 承造 / 唐采邑实业有限公司
 Office Roofing of Yilan City Fruit and Vegetable Wholesale Market,
 Yilan, Taiwan
 Paint Type: PVDF Clean ColorCool

28



日月光中坜厂房抗静电无尘室, 抗静电烤漆钢板
 Clean Room of Advanced Semiconductor
 Engineering Inc., Jungli, Taiwan
 Anti-Electrostatic Polyester Pre-Painted Steel Sheet

29



美浓原乡缘民俗村屋顶钢瓦
 PVDF 烤漆钢板
 Metal Tile of Meinung Folk Village, Kaohsiung, Taiwan
 Paint Type: PVDF

30



基督教台南圣教会屋顶
 PVDF 烤漆钢板
 Roofing of Tainan Holiness Church, Tainan, Taiwan
 Paint Type: PVDF



烤漆钢卷用途与应用实绩

Applications & Application References of
ColorZink, ColorFan & ColorLume

31



台湾铁路管理局台中车站屋顶，PVDF 烤漆钢板
Roofing of Taichung Train Station of Taiwan Railways Administration
Paint Type: PVDF

32



台湾铁路管理局斗六车站屋顶 / 侧墙，PVDF 烤漆钢板
Roofing/Siding of Douliou Station of Taiwan Railways Administration, Yunlin, Taiwan
Paint Type: PVDF

33



屏东县潮州台铁客车及机车维修厂屋顶 / 侧墙，PVDF 烤漆钢板
Roofing/Siding of Taiwan Railways Administration Chaozhou Coach Yard, Pingtung, Taiwan
Paint Type: PVDF

34



高雄港 122 号码头第三栋物流仓库屋顶 / 侧墙，PVDF 烤漆钢板
经销 / 士兴集团
Roofing/Siding of the 3rd logistics warehouse at Dock No. 122, Port of Kaohsiung, Taiwan
Paint Type: PVDF

35



桃园长荣航太(股)公司第三飞机维修棚厂屋顶 / 侧墙，PVDF 烤漆钢板
Roofing/Siding of the 3rd Hangar of Evergreen Aviation Technologies Corp., Taoyuan, Taiwan
Paint Type: PVDF

- ColorZink
- ColorFan
- ColorLume



36



台南科学园区联华电子(股)公司外墙, 洁净节能(3C)高耐磨耗(RA)PVDF烤漆钢板
经销/嘉茂金属(股)公司

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

37



桃园 KWE 近铁运通外墙—桃园航空货运园区, RA PVDF 烤漆钢板
经销/嘉茂金属(股)公司

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

39



新竹县兴隆国民小学屋顶, PVDF 烤漆钢板
经销/士兴集团

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

38



高雄科学园区荧茂光学(股)公司室外三明治板
辉彩消光矿纤烤漆钢板, 经销/嘉茂金属(股)公司

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



焯辉（中国）烤漆钢卷用途与应用实绩

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

40



中国大陆沈阳桃仙机场
使用焯辉（中国）PVDF 烤漆钢板
Sheyang Taoxian International Airport, China
Paint Type: PVDF

41



菲尼克斯电气中国公司（南京）
使用焯辉（中国）PVDF 烤漆钢板
承造 / 士兴钢结构有限公司
Phoenix Contact (China) Co., Ltd., Nanjing, China
Paint Type: PVDF

42



北京国药物流有限责任公司
使用焯辉（中国）烤漆钢板
NPLC, China
Pre-Painted Metallic Coated Sheet

43



中国东风标致全部之4S店
使用焯辉与焯辉（中国）PE 烤漆钢板
All 4S Showrooms of Dongfeng Peugeot, China
Paint Type: PE

44



中国大陆上海宜家家居
使用焯辉（中国）PVDF 烤漆钢板
IKEA Shanghai Store, China
Paint Type: PVDF

45



北京百安居
使用焯辉（中国）烤漆钢板
B&Q, Beijing, China
Pre-Painted Metallic Coated Sheet

焯辉与焯辉（中国）之海内外认证

Certificates of Yieh Phui & Yieh Phui (China)

焯辉企业

全球首家同时获得六项国际认证及 CNS 认证的钢铁公司

YIEH PHUI—The first steel maker which owns the six certificates at the same time and CNS 12681/ISO 9001:2008 in the world.



ISO 50001
能源管理系统证书



ISO 14001
Certificate
环境管理系统证书



ISO 9001 Certificate
品质管理认证



CNS 12681/ISO 9001
台湾经济部标准检验局
正字标记证书



JIS MARK Certificate
JIS MARK 证书



QC 080000 IECQ
HSPM Certificate
有害物质流程管理证书



OHSAS 18001 and
TOSHMS Certificate
职业安全卫生管理
系统证书

焯辉(中国)

中国大陆地区首家同时获得七项国际认证的钢铁公司

YIEH PHUI (CHINA)—The first steel maker which owns the seven certificates at the same time in Mainland China.



ISO 50001
Certificate
能源管理系统证书



ISO 9001 Certificate
品质管理认证



ISO 14001 Certificate
环境管理系统证书



IATF 16949 Certificate
品质管理认证



JIS MARK Certificate
JIS MARK 证书



QC 080000 IECQ
HSPM Certificate
有害物质流程管理证书



OHSAS 18001
Certificate
职业安全卫生管理
系统证书

品质保证

Quality Assurance

焯辉为确保所产制之钢卷达到客户之使用要求，除建立一套完整、严密之品质管理制度外，更不惜投下巨资，配合最新式之生产设备，购置各种精密之试验检测仪器，作为制程解析回馈改善之用，并设立技术部，提供客户售前、售后服务以达到品质保证之目的，并提供研究发展之需。



● 感應耦和電漿放射光譜儀
Inductively Coupled Plasma
Optical Emission Spectrometer

并为强化焯辉之品保制度，特于1993年4月向日本通商产业省申请镀锌与烤漆钢板两项产品之日本工业规格表示 (JIS MARK) 承认工厂，6月间日本通产省官员莅厂审查，同年8月取得新制镀锌钢卷「JIS MARK 表示制度」之认证。1999年11月取得ISO 9002品质管理系统验证通过 (现已改为ISO 9001)，并于2007年6月取得QC 080000 IECQ HSPM有害物质流程管理认证，是全球首家取得符合欧盟RoHS指令管理之钢铁公司。另于2009年2月分别取得新加坡BC1之FPC (工厂生产控制) 认证，及2009年4月取得印尼国家标准SNI镀面产品认证，2010年10月再取得马来西亚标准(MS)之镀锌钢卷验证，2011年6月及2012年3月分别取得中华民国标准检验局之热浸镀锌、热浸镀5%铝-锌合金、热浸镀55%铝-锌合金、烤漆热浸镀锌、烤漆热浸镀5%铝-锌合金、及烤漆热浸镀55%铝-锌合金钢片及钢卷之CNS正字标记。2014年12月抗菌环保镀面钢板通过经济部工业局奈米印章产品验证。

另技术部所辖之检测实验室于2015年9月通过财团法人全国认证基金会 (Taiwan Accreditation Foundation, TAF) 认证，并符合ISO/IEC 17025检验实验室认证。由此可以证明焯辉产品之精良及品质保证作业体系之完整严密。

另焯辉 (中国) 系以焯辉企业的生产技术经验而规划兴建，设备新颖，拥有世界知名厂商之最新式设备，并购置最新式之各项检测仪器，加上焯辉严谨的品质管理体系，由优秀人员担任生产管理，于2007年1月取得ISO 9001品质管理系统验证通过，并于2008年10月取得QC 080000 IECQ HSPM有害物质流程管理认证，是全球第二家取得符合欧盟RoHS指令管理之钢铁公司。另于2009年9月取得印尼国家标准SNI镀锌钢卷认证，及于2010年9月取得新加坡FPC BC1管理系统及产品认证，2011年6月再取得马来西亚国家标准MS产品验证，亦于2015年3月取得ISO/TS 16949品质管制体系汽车行业的特殊要求认证，故在品质方面已达到世界一流水准。此外，焯辉 (中国) 秉承永续发展理念，对产品及生产制程不断进行改进，至2018年已获得28项实用新型专利。

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 QC 080000 IECQ HSPM 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 财团法人
全国认证基金会
认可证书—焯辉
TAF Certificate -
Yieh Phui



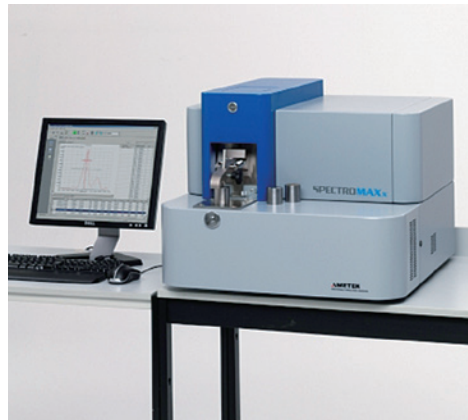
● CNAS 中国合格实
验室认可证书—焯
辉 (中国)
CNAS Laboratory
Accreditation
Certificate -
Yieh Phui
(China)

testing equipment, and quality management system. Yieh Phui (China) was also registered by ISO 9001 quality system in January 2007 and QC 080000 IECQ HSPM 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 FPC BC1:2008 certificate and Malaysia MS Product

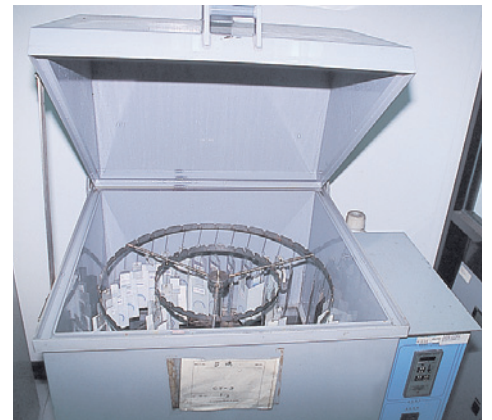
Certification Licence for coated steel respectively. In March 2015, it acquired ISO/TS16949 quality management certification which applies to automotive-related products and service. The quality assurance of Yieh Phui (China) has achieved world level. Apart from that, Yieh Phui (China) improves its products and processes without interruption for sustainable development. It has received 28 practical utility model patents in 2018.



色彩分析仪
Color Spectrometer



火花放电分光仪
Spark Optical Emission Spectrometer



润湿试验机
Humidity Tester



盐水喷雾试验机
Salt Spray Tester



拉伸试验机
Tensile Testing Machine




紫外线加速耐候试验机
QUV Accelerated Weathering Tester

镀锌钢卷规格

Specifications of

PhuizerZinc, PhuizerFan & PhuizerLume

 烨辉生产尺寸规范
Yieh Phui range of product dimensions

镀锌钢卷 Hot-dip Galvanized Steel Sheets, PhuizerZinc					
底材类别 Base Type	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold-rolled Base	深冲级 Deep Drawing Steel	0.30	1.50	700	1534
	一般用 Commercial Steel	0.19	1.80	700	1538
	结构级 Structural Steel	0.19	2.00	700	1538
Hot-rolled Base	深冲级 Deep Drawing Steel	1.20	4.60	670	1300
	一般用 Commercial Steel				
	结构级 Structural Steel				

镀 5% 铝-锌钢卷 Hot-dip 5%Al-Zn Coated Steel Sheets, PhuizerFan					
底材类别 Base Type	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold-rolled Base	深冲级 Deep Drawing Steel	0.27	1.10	700	1240
	一般用 Commercial Steel	0.20	1.80	700	1280
	结构级 Structural Steel	0.20	1.75	700	1280
Hot-rolled Base	深冲级 Deep Drawing Steel	1.30	4.50	670	1280 (修边) 1260 (不修边)
	一般用 Commercial Steel				
	结构级 Structural Steel				

镀 55% 铝-锌钢卷 Hot-dip 55%Al-Zn Coated Steel Sheets, PhuizerLume					
底材类别 Base Type	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold-rolled Base	深冲级 Deep Drawing Steel	0.30	1.50	700	1534
	一般用 Commercial Steel	0.16	2.00	700	1538
	结构级 Structural Steel	0.20	2.00	700	1538

 烨辉 (中国) 生产尺寸规范
Yieh Phui (China) range of product dimensions

镀锌钢卷 Hot-dip Galvanized Steel Sheets, PhuizerZinc					
底材类别 Base Type	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold-rolled Base	深冲级 Deep Drawing Steel	0.25	2.00	680	1600
	一般用 Commercial Steel	0.17	3.00	670	1650
	结构级 Structural Steel	0.23	3.00	700	1300
Hot-rolled Base	深冲级 Deep Drawing Steel	1.50	3.00	700	1300
	一般用 Commercial Steel				
	结构级 Structural Steel				

镀 5% 铝-锌钢卷 Hot-dip 5%Al-Zn Coated Steel Sheets, PhuizerFan					
底材类别 Base Type	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold-rolled Base	深冲级 Deep Drawing Steel	0.40	2.20	762	1550
	一般用 Commercial Steel	0.26	2.30	762	1550
	结构级 Structural Steel	0.25	2.00	762	1550

镀 55% 铝-锌钢卷 Hot-dip 55%Al-Zn Coated Steel Sheets, PhuizerLume					
底材类别 Base Type	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width	
		起 From	迄 To	起 From	迄 To
Cold-rolled Base	深冲级 Deep Drawing Steel	0.30	1.60	700	1550
	一般用 Commercial Steel	0.17	2.00	700	1550
	结构级 Structural Steel	0.22	2.00	700	1550

※ 表列为最大产制尺寸范围，详细可接单尺寸请洽业务单位。
The tables above show the widest range of product dimensions. For detailed acceptable order range, please contact YP sales division.



可生产制品规范表 Product Specifications

品名 Product Name		热浸镀锌钢卷 (美利新) Hot-dip galvanized steel coil (PhuizerZinc)						
		CNS 1244 2013		JIS G 3302 2017		ASTM A653M 2017	AS1397 2011	EN 10346 2015
规格 Specifications		热轧底材 Hot-rolled Base:	冷轧底材 Cold-rolled Base:	热轧底材 Hot-rolled Base:	冷轧底材 Cold-rolled Base:	DS DDS CS TYPE A, B, C FS TYPE A, B SS GRADE	G1~G3 G250 300 350 400 450 550	DX51-52-53D S220GD (250 280 320 350 550)
		SGHC SGHD SGH 340 400 440 490 540	1~3 SGC 340 400 440 490 570	SGCC SGCD SGHC SGHD 1~3 SGH 340 400 440 490 540	SGCC SGCD 1~3 SGC 340 400 440 490 570	50(340)CLASS 1~3 80(550)CLASS 1~3		
底材厚度 (mm) Base Steel Thickness (mm)	焊辉 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
	焊辉 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
镀层量 Coating Mass	一般锌花 (注:厚度0.60mm以上) Regular Spangle (Note: thickness above 0.60mm)	Z08 Z09 Z10 Z12 Z14 Z18 Z20 Z22 Z25 Z27 Z30 Z35		Z08 Z10 Z12 Z14 Z18 Z20 Z25 Z27 Z35 Z37	Z90 Z120 Z180 Z275 Z305 Z350 Z450 Z500 Z550 Z600	Z100 Z200 Z275 Z350 Z450 Z600	Z100 Z140 Z200 Z225 Z275 Z350 Z450 Z600	
	微细锌花 Minimized (Zero) Spangle	Z30 Z35 Z37 Z45 Z50 Z55 Z60		Z45 Z60				
表面精整 Surface Finish	一般锌花、微细(无)锌花、超平滑表面 Regular Spangle, Minimized (Zero) Spangle, Extra-Smooth							
表面处理 Surface Treatment	铬酸、涂油、有机树脂(耐指纹涂膜)或环保有机树脂(环保耐指纹涂膜)处理 Chromating, Oiled, Resin Coated (Anti-Fingerprint), or Green Treatment (Environmentally Friendly Anti-Fingerprint)							
备注 Remarks	<ol style="list-style-type: none"> 厚度、宽度、平坦度……等之公差容许范围,依各制品规范之要求。 对各种表面精整厚度2.0mm以下,可再实施调质处理。 客户订购厚度未满足1.6mm之JIS G3302 HGI制品,其规格要求比照厚度1.6mm JIS G3302 HGI制品之规定。 钢卷内径为508或610mm;外径之最大容许值为2000mm。 不在上述范围之产品,如尺寸、镀层、规格等,请以个案询问专案开发方式进行。经客我协商后,焊辉亦可提供国际规范以外之镀层量。 表列镀层量Z08、Z09、Z90仅适用冷轧底材GI产品。 <ol style="list-style-type: none"> Tolerance for thickness, width, flatness and so on conforms to individual product specification. All products with thickness 2.0mm and under can be skinpassed. The specification for thicknesses under 1.6mm for hot-rolled base metal according to JIS G3302 will be the same as for thicknesses 1.6mm. Coil inside diameters can be either 508mm or 610mm. Maximum coil outside diameter is 2000mm. 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. Coating mass Z08, Z09 and Z90 only apply for cold-rolled base metal. 							

镀制钢卷规格

Specifications of
PhuizerZinc, PhuizerFan & PhuizerLume

可生产制品规范表 Product Specifications

品名 Product Name		热浸镀 5% 铝-锌钢卷 (铝锌凤) Hot-dip 5%Al-Zn coated steel coil (PhuizerFan)																	
规格 Specifications		CNS 15236 2013			JIS G 3317 2017			ASTM A875M 2013				AS 1397 2011			EN10346 2015				
		SZACD1	SZACC	SZAC340 SZAC400 SZAC440 SZAC490 SZAC540 SZAC570	SZAH SZAH 340 400 440 490	SZACC SZAC 340 400 440 570	SZACD1	Comm- ercial Steel Type A B C	Form- ing Steel Type A B	DDS	Struct- ural Steel Grade 230 255 275 340	Struct- ural Steel Grade 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)	焊辉 Yieh Phui	0.27 1.10	0.2 1.8	0.2 1.75	1.30 4.50	0.2 1.80	0.27 1.10	0.20 4.50	0.27 1.10	0.20 4.50	0.20 2.00	0.27 1.10	0.2 1.8	0.2 4.50	0.20 4.50	0.27 1.10	0.20 4.50	0.20 4.50	0.20 1.80
	焊辉 Yieh Phui (China)	--	--	--	SZACC, SZAC340: 0.26~2.2mm; SZACD1~3: 0.4~2.2mm; SZAC400: 0.3~2.0mm; SZAC440: 0.4~2.0mm; SZAC570: 0.25~2.0mm				--	--	--	--	G1, G250: 0.26~2.2mm; G300: 0.3~2.0mm; G350: 0.4~2.0mm; G450: 0.6~2.0mm; G500, G550: 0.25~2.0mm			DX51D, S220GD, S250GD: 0.26~2.2mm; DX52D: 0.28~2.2mm; DX53D~54D: 0.4~2.2mm; S280GD, S320GD: 0.3~2.0mm; S350GD: 0.4~2.0mm; S550GD: 0.25~2.0mm			
镀层量 Coating Mass	一般锌花 Regular Spangle	Y08 Y10 Y12 Y14 Y18 Y20 Y22 Y25			Y08 Y10 Y12 Y14 Y18 Y20			ZGF 90 ZGF 135 ZGF 180 ZGF 225 ZGF 275 ZGF 350				ZA90 ZA135 ZA180 ZA225 ZA275 ZA350			ZA 095 ZA 130 ZA 185 ZA 200 ZA 255 ZA 300				
	微细锌花 Minimized (Zero) Spangle	Y27 Y30 Y25 Y35			Y22 Y25 Y27 Y35														
表面精整 Surface Finish	一般镀 5% 铝-锌锌花、微细锌花 Regular Spangle, Minimized Spangle																		
表面处理 Surface Treatment	铬酸、涂油、有机树脂 (耐指纹涂膜) 或环保有机树脂 (环保耐指纹涂膜) 处理 Chromating, Oiled, Resin Coated (Anti-Fingerprint), or Green Treatment (Environmentally Friendly Anti-Fingerprint)																		
备注 Remarks	<p>1. 厚度、宽度、平坦度……等之公差容许范围，依各制品规范之要求。</p> <p>2. 对各种表面精整厚度 2.0mm 以下，可再实施调质处理。</p> <p>3. 钢卷内径为 508 或 610mm；外径之最大容许值为 2000mm。</p> <p>4. 不在上述范围之产品，如尺寸、镀层、规格等，请以个案询问专案开发方式进行。经客我协商后，焊辉亦可提供国际规范以外之镀层量。</p> <p>1. Tolerance for thickness, width, flatness and so on conforms to individual product specification.</p> <p>2. All products with thickness 2.0mm and under can be skinpassed.</p> <p>3. Coil inside diameters can be either 508mm or 610mm. Maximum coil outside diameter is 2000mm.</p> <p>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.</p>																		



可生产制品规范表 Product Specifications

品名 Product Name		热浸镀 55% 铝-锌钢卷 (铝锌龙) Hot-dip 55%Al-Zn coated steel coil (PhuizerLume)															
规格 Specifications		CNS 15237 2013			JIS G 3321 2017			ASTM A792M 2010			AS 1397 2011			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)	烨辉 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
	烨辉 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			
镀层量 Coating Mass	一般锌花 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		一般镀 55% 铝-锌锌花 Regular Spangle															
表面处理 Surface Treatment		铬酸、涂油、有机树脂 (耐指纹涂膜) 或环保有机树脂 (环保耐指纹涂膜) 处理 Chromating, Oiled, Resin Coated (Anti-Fingerprint), or Green Treatment (Environmentally Friendly Anti-Fingerprint)															
备注 Remarks		1. 厚度、宽度、平坦度……等之公差容许范围，依各制品规范之要求。 2. 对各种表面精整厚度 2.0mm 以下，可再实施调质处理。 3. 钢卷内径为 508 或 610mm；外径之最大容许值为 2000mm。 4. 不在上述范围之产品，如尺寸、镀层、规格等，请以个案询问专案开发方式进行。经客我协商后，烨辉亦可提供国际规范以外之镀层量。 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.															

烤漆钢卷规格

Specifications of ColorZink, ColorFan & ColorLume

焯辉生产尺寸范围 Yieh Phui range of product dimensions

产品别 Product	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width		涂料树脂类别 Paint Type
		起 From	迄 To	起 From	迄 To	
彩色新烤漆产品 ColorZink	深冲级 (Deep Drawing Steel)	0.30	1.50	700	1534	PE SMP PVDF PU PVC
	一般用 (Commercial Steel)	0.17	1.50	700	1538	
	结构级 (Structural Steel)	0.20	1.50	700	1538	
彩色风烤漆产品 COLORFAN	深冲级 (Deep Drawing Steel)	0.30	1.25	700	1250	
	一般用 (Commercial Steel)	0.20	1.40	700	1280	
	结构级 (Structural Steel)	0.20	1.35	700	1260	
彩色龙烤漆产品 COLORLUME	深冲级 (Deep Drawing Steel)	0.30	1.25	700	1250	
	一般用 (Commercial Steel)	0.17	1.50	700	1538	
	结构级 (Structural Steel)	0.20	1.50	700	1538	
PVC 压花烤漆产品 PVC embossing	一般用 (Commercial Steel)	0.25	1.25	700	1250	
	结构级 (Structural Steel)	0.30	1.25	700	1250	

焯辉 (中国) 生产尺寸范围 Yieh Phui (China) range of product dimensions

产品别 Product	材质等级 Grade	厚度范围 (mm) Thickness		宽度范围 (mm) Width		涂料树脂类别 Paint Type
		起 From	迄 To	起 From	迄 To	
彩色新烤漆产品 ColorZink	深冲级 (Deep Drawing Steel)	0.40	1.20	600	1550	PE SMP PVDF PU
	一般用 (Commercial Steel)	0.23	2.00	600	1550	
	结构级 (Structural Steel)	0.23	1.30	600	1550	
彩色风烤漆产品 COLORFAN	深冲级 (Deep Drawing Steel)	0.40	1.20	600	1550	
	一般用 (Commercial Steel)	0.23	2.00	600	1550	
	结构级 (Structural Steel)	0.23	1.30	600	1550	
彩色龙烤漆产品 COLORLUME	深冲级 (Deep Drawing Steel)	0.40	1.20	600	1550	
	一般用 (Commercial Steel)	0.23	2.00	600	1550	
	结构级 (Structural Steel)	0.23	1.30	600	1550	

※ 表列为最大产制尺寸范围，详细可接单尺寸请洽业务单位。

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

可生产制品规范表 Product Specifications

产品种类 Product Type	烤漆种类 Coating Type	成品规格 Product Spec.	涂层厚度 Coating Thickness	表面加工处理 Surface Treatment
I . 镀锌烤漆钢卷 (彩色新) Pre-painted hot-dip galvanized steel coil (ColorZink)	1. 聚酯树脂 (PE)	CNS 10804 (2013) CNS 15298 (2013) CNS 15299 (2013)	底漆：聚氨酯或 环氧树脂 5 μm 面漆：15-20 μm 背底漆：聚氨酯或 环氧树脂 2 μm	保护膜 Protective film can be applied 金属压花 杉木纹 泥面纹 皮革纹 Metal Embossed Cedar wood Stucco Leather
	2. 矽质强化聚酯树脂 (SMP)	JIS G3312 (2013) CGCC CGCD1~3 CGC340 CGC400 CGC440 CGC490 CGC570	背面漆：聚酯或环氧树脂 5- 12 μm Primer: PU or Epoxy 5 μm	
II . 镀 5% 铝-锌烤漆钢卷 (彩色风) Pre-painted 5% Al-Zn coated steel coil (ColorFan)	3. 亚克力树脂 (ACRYLIC)	JIS G3318 (2013) CZACC CZACH CZACD1 CZAC340 CZAC400 CZAC440 CZAC490 CZAC570	Topcoat: 15-20 μm Back Primer: PU or Epoxy 2 μm	
	4. 氟碳树脂 (PVDF)	JIS G3322 (2013) CGLCC CGLCD CGLC400 CGLC440 CGLC490 CGLC570 ASTM A755M (2016) AS 2728 (2013) EN 10169+A1 (2010)	Back Coat: PE or Epoxy 5-12 μm	
III . 镀 55% 铝-锌烤漆钢卷 (彩色龙) Pre-painted 55% Al-Zn coated steel coil (ColorLume)	5. 聚氯乙烯可塑溶胶涂料 (PVC PLASTISOL)	JIS K6744 (2007) SG SA ASTM A755M (2016) EN 10169+A1 (2010)	底漆：环氧树脂 面漆：PVC PLASTISOL 150-250 μm 背底漆：聚氨酯或 环氧树脂 2 μm 背面漆：PVC 可塑溶胶 涂料 100-250 μm 或环氧涂料 7 μm Primer: Epoxy Topcoat: PVC PLASTISOL 150- 250 μm Back Primer: PU or Epoxy 2 μm Back Coat: PVC PLASTISOL 100 - 250 μm or Epoxy 7 μm	PVC 压花 兽皮纹 荔枝纹 PVC Embossed Leather Lichee

备注 ■ 表列 ASTM 规格为公制，其英制规格 (在规格代号后不加 M，如 A755、A792) 亦可生产。
■ 涂层厚度仅供参考。

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.

订购须知

Ordering Information

烨辉/烨辉(中国)钢卷具有多样尺寸与适用于多种用途, 客户可依钢卷尺寸、品质与用途之需求订购适用之钢卷。

客户于订购前或使用本公司钢卷后, 如遇有品质上之疑问时, 请与公司技术服务单位连络。

另外客户如欲订购烨辉绿色环保钢卷 (HSF, Hazardous Substance Free), 除 RoHS 要求外, 若有其他法规或指令要求, 应先提出经烨辉技术部审议确认, 并提供合适之烨辉绿色环保钢卷 (HSF) 规格。

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.

 热浸镀锌/镀 5% 铝 - 锌/镀 55% 铝 - 锌钢卷订购时请注明下列事项:


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


项次 Item	注明项目 Information	范例 Example
1	品名 (镀锌/镀 5% /镀 55% 铝-锌钢板) Commodity (Zinc, 5% Al-Zn or 55% Al-Zn coated steel sheet)	镀锌钢板 PhuizerZinc
2	规格记号 (JIS、ASTM、EN 或其他规格) Specification designation (JIS, ASTM, EN or others)	JIS G3302-2012 SGCC
3	镀层表面精整 (一般/微细锌花/或超平滑表面) Surface finish (Regular/Minimized (zero) / Extra smooth)	一般锌花 Regular spangle
4	镀层量 Coating mass designation	Z27
5	等镀或差镀 Equivalent or differential coating	等镀 Equivalent coating
6	表面处理 (铬酸/有机树脂/环保) Surface treatment (chromating/organic resin/green)	铬酸处理 Chromating treatment
7	涂油 Oiled	不涂油 Not oiled
8	尺寸 (厚度×宽度 mm) Dimensions (thickness × width mm)	1.20mm×1219mm×coil
9	重量 (理论或实磅重量或 ASTM 之理论最小重量) Weight (theoretical or actual weight or ASTM TMW)	实磅重量 Actual weight
10	单卷限重 (最小与最大) (吨) Minimum & maximum coil weight (metric tonnes)	单卷限重 5~10 吨 Coil weight: 5~10 mt
11	钢卷内径 (508mm 或 610 mm) Coil internal diameter (mm)	about 508mm
12	钢卷外径 (最大) Max. coil external diameter (mm)	1000 mm
13	用途 Application	风管 Duct
14	加工方式或后续表面处理 Processing method	辊轮成形 Roll forming
15	订购数量 (吨) Order volume (metric tonnes)	150 吨 150 mt
16	交货期 Delivery date	2018.08
17	标示 Labelling	依烨辉公司/烨辉(中国)公司标准 Yieh Phui / Yieh Phui (China) mill standard
18	包装方式 Packaging	依烨辉公司/烨辉(中国)公司标准 Yieh Phui/Yieh Phui (China) mill standard
19	特殊要求 Special requirements, if any	—





 烤漆产品订购时请注明下列事项：
When ordering our ColorZink/ColorFan/ColorLume prepainted steel sheet, please specify the following items.

项次 Item	注明项目 Information	范例 Example
1	品名 (烤漆 / 压花) Commodity (pre-painted/embossed)	烤漆钢板 ColorFan
2	规格记号 (JIS、ASTM、EN 或其他规格) Specification designation (JIS, ASTM, EN or others)	G3318-2012 CZACC
3	保证等级 (仅适用于 JIS 规格) Durability designation (solely for JIS)	20
4	底材镀层量 Coating mass designation	Y18
5	尺寸 (厚度×宽度 mm) Dimensions (thickness×width mm)	0.326mm×1200mm×coil
6	环保处理 Green treatment	—
7	重量 (理论或实磅重量或 ASTM 之理论最小重量) Weight (theoretical or actual weight or ASTM TMW)	实磅重量 Actual weight
8	涂料种类 (正面漆//背面漆) Paint type (topcoat // backcoat)	聚酯树脂 // service PE//service
9	颜色 (正面漆//背面漆)※参考本公司颜色代号 Color (topcoat // backcoat) ※ See YP's color codes	3543 // 3854
10	涂膜厚度 (正面漆//背面漆) Paint thickness (topcoat // backcoat)	25 μm // 10 μm
11	光泽度 (60°反射角) Gloss (60° reflection angle)	35GU
12	用途 Application	室外三明治板 (背面层黏贴) sandwich panels for outdoor application
13	保护膜 Protective film	—
14	标示 Labelling	—
15	包装方式 Packaging requirement	依烨辉公司/烨辉 (中国) 公司包装标准 Yieh Phui / Yieh Phui (China) mill standard
16	钢卷内径 (508mm 或 610mm) Coil internal diameter	about 508mm
17	最大钢卷外径 (mm) Max. coil external diameter (mm)	—
18	单卷限量 (最小與最大) (吨) Minimum & maximum coil weight (metric tonnes)	单卷限重 3~5 吨 Coil weight: 3~5 mt
19	订购数量 (吨) Order volume (metric tonnes)	70 吨 70 mt
20	交货期 Delivery date	2018.08
21	特殊要求 Special requirements, if any	—


备注：  “//” 表底材，3543 // 3854 表示正面漆为碧蓝色 3543，背面漆为鹭鹭白 3854。

 “service” 表不要求。

 客户可提供颜色样本以供本公司生产时参考。

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 5-7 μm” .

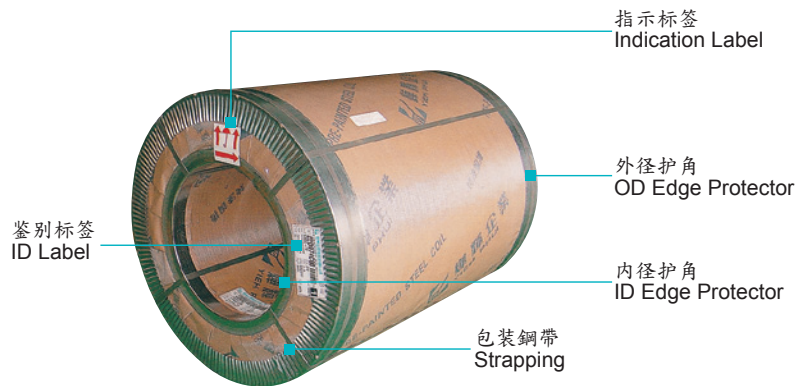
 Please provide sample sheets for color matching.

包装及标示

Packaging and Labelling

所有的焊辉/焊辉(中国)产品在出厂前均依本公司之标准或客户指定的方式予以包装,以减低在搬运储放时可能遭受的损坏。此外在产品的外包装上并加以明确地标示,以便轻易地辨别该产品的身份及相关规格资料。

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.



内销包装范例 Packaging for domestic market



烤漆钢板外销包装范例 Packaging of prepainted steel for export



标示 Labelling



焊辉镀锌产品之标签示范
Yieh Phui sample of product ID label for metallic coated steel coil



焊辉(中国)镀锌产品之标签范例
Yieh Phui (China) sample of product ID label for metallic coated steel coil



焊辉烤漆产品之标签示范
Yieh Phui sample of product ID label for prepainted metallic coated steel coil



焊辉(中国)烤漆产品之标签范例
Yieh Phui (China) sample of product ID label for prepainted metallic coated steel coil



储存、运输及装卸 Storage, Transport and Handling

储存

- 钢卷须储放于通风良好之室内，并避免砂土灰尘等之积存。
- 无论如何绝不可将钢卷露储或储存于潮湿的环境，因为毛细管之作用会将湿气吸入钢卷表面间，湿气或水将无法蒸发，易导致产品特性恶化，减短预期之使用寿命，并影响产品之外观。已成形之裁板的储存，同样地必须特别注意此问题。
- 尽量做好先进先出及库存期限之管理，以避免产品因存放过久所造成之性质劣化，特别是在富含盐份、风砂多之海岸地区或含二氧化硫与其他污染之工业地区。
- 聚氯乙烯 (PVC) 压花烤漆产品须避免长时间之储放与多层之堆叠，以避免压花纹路产生变化。
- 为防止危险及钢卷变形，储放时不可过度堆叠，一般以 1~2 层堆叠为宜。

运输及装卸

- 为防止发生碰撞，不要用叉式堆高机推动或翻转制品，以免产生刮伤。
- 运输钢卷的卡车上须铺上橡皮垫，或使用专门的搬运台，以保护钢卷外侧不被碰伤。
- 在运输时，需以绳索或钢索牢牢固定，以避免因振动或移动而产生刮伤、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.

本型录内规格变动时不另行通知
Specifications are subject to change without notice.

※ 注意事项

1. 本型录所提供的资料已力求准确。对该等资料，焯辉及其子公司不会就其所产生的错误陈述或失实陈述承担任何责任。
2. 对于产品用途之建议及陈述仅供参考，焯辉及其子公司不承担任何责任。使用焯辉及其子公司所提供或生产的产品之前，客户应自行斟酌 / 判断其适当性。

Remarks:

1. Efforts have been made to ensure that this information is accurate, but Yieh Phui Enterprise and its subsidiaries do not accept responsibility or liability for errors or information that is found to be misleading.
2. Suggestions for, or descriptions of, the end use or application of products or methods of working are for information only and Yieh Phui Enterprise and its subsidiaries accept no liability thereof. Before using products supplied or manufactured by Yieh Phui Enterprise and its subsidiaries, the customer should satisfy themselves of their suitability.



JIS 镀锌钢板单位面积之重量

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

kg/m²

镀层代号 Coating Mass Designation 板厚 (mm) Gauge	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	2.736	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	3.364	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	3.677	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	5.876	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	33.25	33.27	33.32	33.35	33.43	33.54
4.500	35.48	35.51	35.57	35.61	35.63	35.68	35.71	35.78	35.89



镀锌钢板单位面积之重量

Weight of PhuizerZinc per square meter

kg/m²

镀层代号 Coating Mass Designation 板厚 (mm) Gauge	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	2.883	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	9.292	9.317	9.392	9.492
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	33.26	33.34	33.44
4.500	35.44	35.46	35.52	35.54	35.56	35.58	35.61	35.69	35.79

备注： ■本表系本公司生产之镀锌板参考之单位面积重量。 ■本表亦可选用于本公司烤漆钢板。

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.



镀锌钢板每米长度之重量 (一)
Weight of PhuizerZinc per meter length (1)

kg/m

镀锌层代号 Coating Mass Designation	Z10(F10)					Z12(F12)					Z18(F18)					Z22				
	板宽(mm) Width					板宽(mm) Width					板宽(mm) Width					板宽(mm) Width				
板厚(mm) Gauge	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	4.27	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	14.1	15.4	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

镀锌钢板每米长度之重量 (二)
Weight of PhuizerZinc per meter length (2)

kg/m

镀锌层代号 Coating Mass Designation	Z25					Z27					Z35					Z45				
	板宽(mm) Width					板宽(mm) Width					板宽(mm) Width					板宽(mm) Width				
板厚(mm) Gauge	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	2.20	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	3.68	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	3.57	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	3.26	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.																			



镀锌钢板每台尺长度之重量 (一)

Weight of PhuizerZinc per Taiwan meter length (1)

kg / 台尺

镀层代号 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	4.58	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	6.48	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	7.55	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



镀锌钢板每台尺长度之重量 (二)

Weight of PhuizerZinc per Taiwan meter length (2)

kg / 台尺

镀层代号 Coating Mass Designation	Z25					Z27					Z35					Z45				
	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524	762	914	1000	1219	1524
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	2.10	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	2.23	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	1.8																		



镀 5% 铝-锌钢板每米长度重量 Weight of PhuizerFan per meter length

kg/m

镀层代号 Coating Mass Designation	Y12					Y18					Y22					Y27					Y35					
	板宽(mm) Width	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	板厚(mm) Gauge	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	



镀 5% 铝-锌钢板每台尺长度重量 Weight of PhuizerFan per Taiwan meter length

kg / 台尺

镀层代号 Coating Mass Designation	Y12					Y18					Y22					Y27					Y35					
	板宽(mm) Width	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	板厚(mm) Gauge	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	



镀 55% 铝-锌钢板每米长度重量 Weight of PhuizerLume per meter length

kg/m

镀层代号 Coating Mass Designation	AZ120				AZ150				AZ165				AZ180				
	板宽(mm) Width	762	914	1000	1219	762	914	1000	1219	762	914	1000	1219	762	914	1000	1219
0.30	板厚(mm) Gauge	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	





台正字第7766号、7767号、7856号、7857号、7858号、7932号、7933号、7979号、7980号、7981号
 热浸镀锌/镀5%铝-锌/镀55%铝-锌与彩涂烤漆钢卷
 HOT-DIP ZINC/5%/55% Al-Zn COATED & COLOR STEEL SHEETS



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ISO 14064-1

Registered Firm
温室气体盘查
查证通过工厂



CNS 12681/
ISO 9001

Registered Firm
经济部标准检验局
正字标记



ISO 14067-1
PAS 2050

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G 3321 G 3322
CRCN15001

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Qualified Factory
韩国KTR审查
认证合格工厂



ISO 14025
ISO 14040
ISO 14044

Registered Firm
产品环境宣告
查证通过工厂



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系统验证通过工厂



ISO 9001

Registered Firm
品质管理系统
验证通过工厂



ISO 14001

Registered Firm
环境管理系统
验证通过工厂



ISO 50001

Registered Firm
能源管理系统
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燁輝 (中国) 常熟厂 Yieh Phui (China) Changshu Works

永远最好



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OHSAS 18001

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职业安全卫生管理
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有害物质流程管理
系统验证通过工厂



ISO 9001

Registered Firm
品质管理系统
验证通过工厂



ISO 14001

Registered Firm
环境管理系统
验证通过工厂



IATF 16949

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ISO 50001
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能源管理系统
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G 3302 G 3312 JIS Mark
G 3317 G 3318 Qualified Factory
G 3321 G 3322 韩国KTR审查
CRCN15001 认证合格工厂