Link Color & Metal

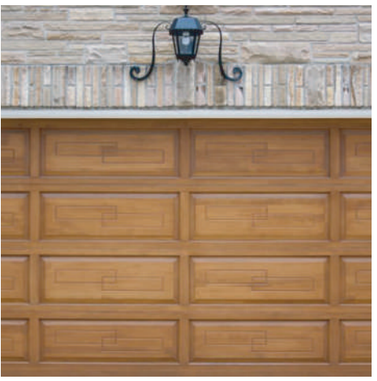
LIEN CHY METAL

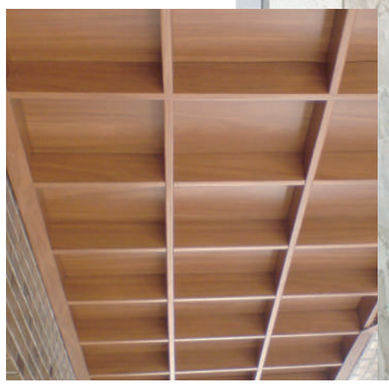
聯琦金屬



Laminated Metal / 貼皮(覆膜)金屬

LIEN CHY LAMINATED METAL CO., LTD.
www.lienchy.com




LAMINATED METAL / 覆膜金屬

覆膜金屬是一種複合材料，由彩紋皮膜與金屬底材貼合而成。結合了皮膜亮眼的顏色和設計，以及底材金屬的強度與耐用性。覆膜金屬不僅能提供多樣的視覺美感，也是多功能的實用解決方案。

覆膜金屬具有耐燃、易於加工、易於維護保養、耐候性佳等特性。底材可選用鍍鋅鋼、鋁、不鏽鋼等不同金屬材質。

Laminated metal is a composite material formed by bonding a colored film to a base metal. It combines the film’ s dazzling color and design with the strength and durability of the base metal. Laminated metal not only offers a wide range of visual appeal but is also a versatile, practical solution.

It is fire-resistant, easy to process, easy to maintain and weather resistant.
The base metal can be galvanized steel, aluminum or stainless steel.



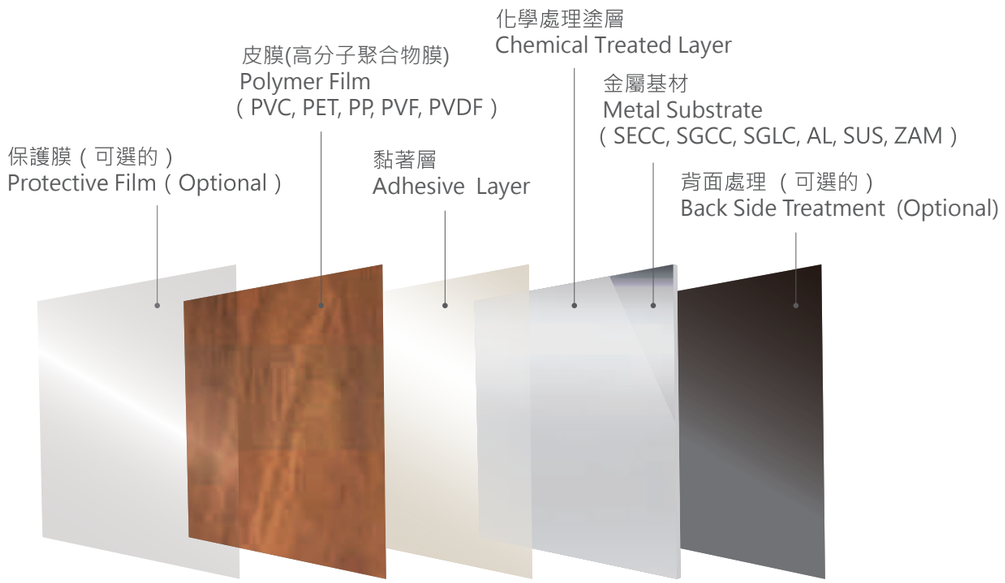

應用產品

・電梯裝修：電梯轎箱內裝、家用電梯內裝、電梯門板
・家具：櫥櫃、紅酒櫃、冷藏櫃、蛋糕櫃、展示架　層板
・室內裝潢：門板、牆板、OA隔間板　浴室隔間板、浴室牆板
・儲藏設備：信箱、垃圾筒、儲藏箱　防潮箱
・空間設計：天花板、格柵
・安全規劃：防火門板

Application product

・Elevator：elevator car interior, home elevator interior, elevator door panel
・Furniture：cabinets, wine coolers, refrigertors, cake cabinets, display stands, laminates
・Interior Design：door panel, wall panel, Office Partition/ Screen , bathroom compartment panel, bathroom wall panel
・Storage equipment：mail box, trash can, storage box, moisture-proof box
・Space design：ceiling, grille
・Safety planning：fire door panels

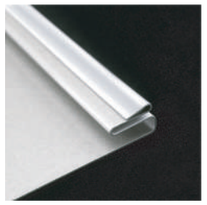
POLYMER FILM LAMINATED / 覆膜金屬結構



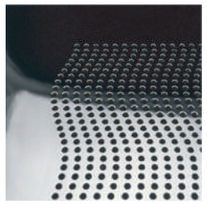
覆膜金屬是將皮膜(高分子聚合物膜)貼合於金屬底材上製成的複合材料，皮膜材質包含 PVC、PET、PP、PVF、PVDF 等，並經過 SGS 檢測。它結合了皮膜的美觀與性能，以及金屬底材的剛性與耐用性，並具備有耐燃、耐化學性等特性。
覆膜金屬可進行常見的金屬成型加工，並可依需求製作耐紫外線與高耐候性能的覆膜金屬產品。

Laminated metal is a composite material formed by laminating polymer film to a metal substrate.
Film materials include PVC, PET, PP, PVF and PVDF. It combines the aesthetics and functionality of the polymer film with the rigidity and durability of the metal substrate. It is fire-resistant, chemical resistant and SGS-tested. It can be processed with standard metal forming techniques.
If required, products with UV resistance and high weather resistance can also be manufactured.

FABRICATION TYPE / 加工方法


T-折彎
T-Bend


抽成型
Drawing


沖孔
Punching


打凸
Emboss


折彎
Bend


滾壓
Roll Forming


抽型
Cupping



印刷
Printing


鑽雕
CNC Engraving


180°折彎
180° Bending

PRODUCTION SPECIFICATIONS / 生產規格

項目 Item	種類 Type	厚度 Thickness	公差 Tolerance
皮膜(高分子聚合物膜) Polymer Film	PVC, PET, PP, PVF, PVDF	0.05-0.3 mm	--
金屬基材 Metal Substrate	SECC, SGCC, SGLC, AL, SUS, ZAM	0.3-1.6 mm AL : 0.3-2.0 mm	JIS Standards

項目 Item	寬度 Width	長度 Length	公差 Tolerance	內直徑 Inside Diameter
片材 Sheet	70 - 1300 mm	Any Spec.	±1 mm	--
捲料 Coil	32.1-1300 mm	Any Spec.	±0.5 mm	508 mm

QUALITY STANDARDS / 品質標準

項目 Item	名稱 Name		標準 Reference Standard	測試結果 Test Result
外觀 Appearance	光澤度	Gloss	JIS K 5600, ASTM D523	Pass ✓
	色差值	Color difference	CIE1 976Lab, ASTM E313	See sample
	附著力 (方格法)	Adhesion (100-square method)	JIS K 5600, ASTM D3359	Pass ✓
加工性試驗 Workability Test	密著性	Lamination property (Erichsen test)	JIS K 6744, JIS B 7729, LCM spec.	Pass ✓
	彎曲性	Bending property	JIS K 6744, ASTM D4145	Pass ✓
	低溫加工性	Low temperature processing property	JIS K 6744	Pass ✓
耐用性試驗 Durability Test	耐化學品性	Chemical resistance	JIS K 6744	Pass ✓
	抗污性	Stain resistance	JIS K 5600, CNS 423, CNS 11312, CNS 2984	Pass ✓
	耐沸水性	Boiling water resistance	LCM spec., JIS K 6744, ASTM D2485	Pass ✓
	耐磨耗性	Abrasion resistance	ASTM D4060	Pass ✓
	鹽霧試驗	Salt solution spray test	JIS Z 2371, JIS K 8180, JIS Z8802	Pass ✓
	冷熱循環試驗	Thermal cycling test	LCM spec., JIS K 6744, ASTM D3359	Pass ✓

WOOD
COLOR / 木紋系列


厚度/ Thickness 0.16mm

楓木
Maplewood
B101


厚度/ Thickness 0.16mm

紅木
Redwood
B103


厚度/ Thickness 0.16mm

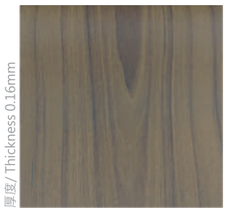
紅櫻桃木
Red Cherrywood
B104


厚度/ Thickness 0.16mm

山毛櫸
Beechwood
B105


厚度/ Thickness 0.16mm

紅豆杉木
Yew Wood
B106


厚度/ Thickness 0.16mm

深柚木
Dark Teak
B107


厚度/ Thickness 0.16mm

胡桃木
Walnut
B108


厚度/ Thickness 0.16mm

棕胡桃木
Brown Walnut
B112


厚度/ Thickness 0.16mm

鐵刀木
Kassod Wood
B119

厚度/ Thickness 0.16mm

白橡木
White Oak
B121


厚度/ Thickness 0.2/ 0.3mm

黑檀木
Black Sandalwood
B125


厚度/ Thickness 0.16mm

橡木米
Oak
B145


厚度/ Thickness 0.16mm

金葱木
Golden Oak
B147


厚度/ Thickness 0.16mm

松木
Pinewood
B148


厚度/ Thickness 0.16mm

花梨木
Rosewood
B149


厚度/ Thickness 0.16mm

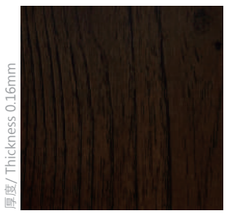
紅花梨木
Red Rosewood
B156


厚度/ Thickness 0.16mm

細竹紋
Bamboo Stripes
C131

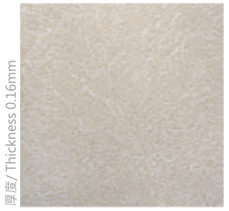

厚度/ Thickness 0.16mm

新胡桃木
Textured Walnut
B158

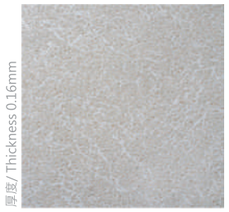

厚度/ Thickness 0.16mm

新黑檀木
Textured Black Sandalwood
B159

MACADAM
COLOR / 碎石系列


厚度/ Thickness 0.16mm

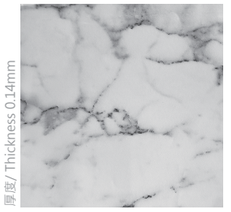
翠綠石雕
Emerald Macadam
C113


厚度/ Thickness 0.16mm

天然青石
Amazon Macadam
C114


厚度/ Thickness 0.16mm

粉紫嬌岩
Florence Macadam
C116


厚度/ Thickness 0.14mm

顆粒石紋
White Tactile Marble
C142

MARBLE GLOSS
COLOR / 大理石鏡面系列

厚度/ Thickness 0.13mm

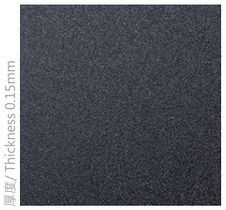
鳳凰石紋
Marble Phoenix
H107

GLOSS
COLOR / 特殊鏡面系列

厚度/ Thickness 0.13mm

珍珠鏡面紋
Pearl White Glitter
H155

PLAIN COLOR / 素色系列


厚度/ Thickness 0.15mm

黑亮皮紋
Starry Black
A103


厚度/ Thickness 0.15mm

京都細米
Kyoto White
A110L

厚度/ Thickness 0.16mm

北極雪
Polar White
A125

厚度/ Thickness 0.15mm

雪花白
Snowflake White
A138

厚度/ Thickness 0.15mm

馥列白
Creamy White
A149

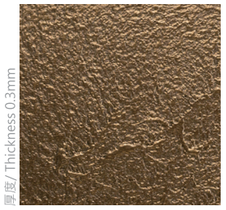

厚度/ Thickness 0.18mm

淺牙白
Light Ivory White
A151


厚度/ Thickness 0.15mm

米白皮革紋
Ivory Leather
A155

TEXTURE COLOR / 紋理系列


厚度/ Thickness 0.3mm

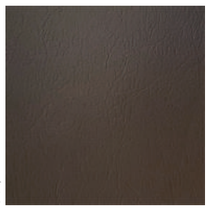
黃銅雕
Brass Frieze
C126


厚度/ Thickness 0.15mm

古銅十字紋
Bronze Embosse
C140


厚度/ Thickness 0.14mm

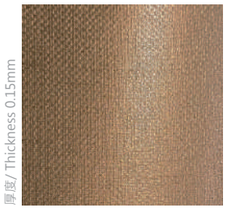
同調布紋
Ivory Linen
C143


厚度/ Thickness 0.15mm

經典棕皮革
Brown Leather
C145


厚度/ Thickness 0.16mm

金色掃帚紋
Gold Fiber
C146


厚度/ Thickness 0.15mm

古銅布紋
Bronze Woven
C147

厚度/ Thickness 0.15mm

米白線紋
Beige Stripes
A152

METALLIC COLOR / 金屬色系列


厚度/ Thickness 0.15mm

香檳金
Champagne Gold
A111


厚度/ Thickness 0.15mm

香檳銀
Champagne Silver
A117


厚度/ Thickness 0.15mm

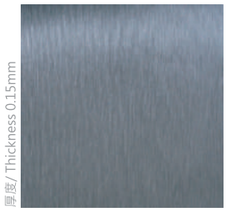
香檳銀灰
Silver Metallic
A121


厚度/ Thickness 0.15mm

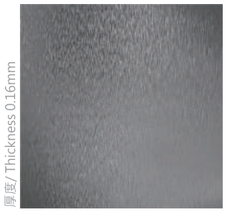
香檳白銀
Champagne Platinum
A124


厚度/ Thickness 0.15mm

銀沙紋
Silver Sand
A130

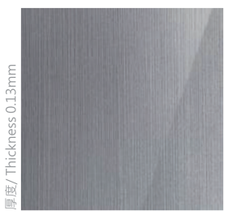

厚度/ Thickness 0.15mm

髮絲紋
Hairline
A135

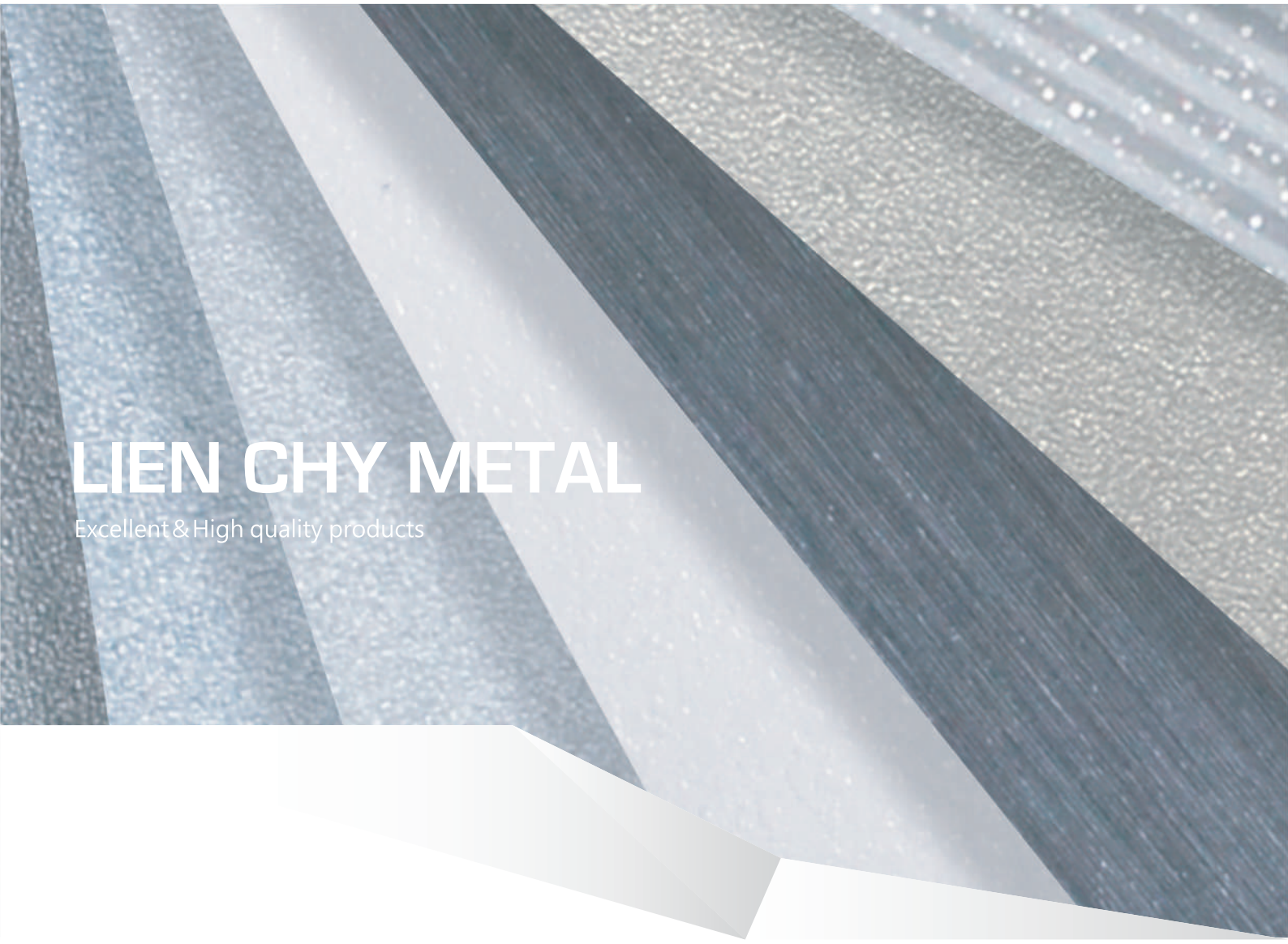

厚度/ Thickness 0.16mm

淺灰髮絲
Light Gray Hairline
A153

METALLIC GLOSS COLOR / 金屬鏡面系列


厚度/ Thickness 0.13mm

仿不銹鋼(銀拉絲)
Stainless Scratch Silver
H172



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