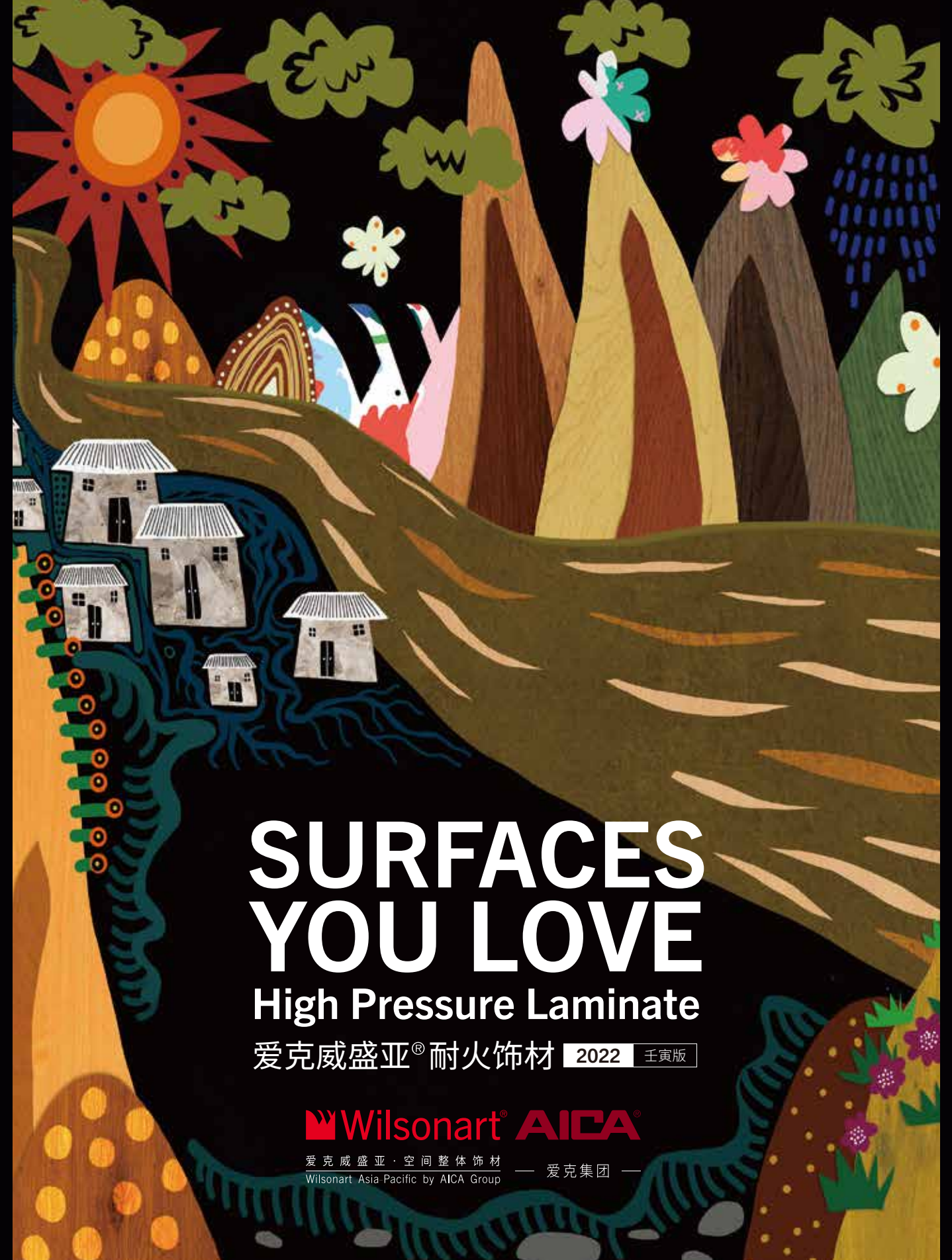




SURFACES YOU LOVE

High Pressure Laminate

爱克威盛亚® 耐火饰材 2022 壬寅版

 **Wilsonart® AICA®**

爱克威盛亚·空间整体饰材
Wilsonart Asia Pacific by AICA Group

— 爱克集团 —

CONTENTS

目录

04	COMPANY PROFILE / 公司介绍
08	WHERE TO USE / 应用
10	PRODUCT LINE / 产品线
12	PRODUCT APPLICATIONS / 产品应用
13	SEGMENTS / 市场区隔
14	SEGMENT APPLICATIONS / 空间应用
24	COLOR MAPPING / 色彩流行
30	PRODUCTS / 产品介绍
52	APPLICATIONS / 应用案例
80	FABRICATION TIPS / 板材加工小贴士



COMPANY PROFILE

公司介绍

爱克集团旗下两大国际品牌“威盛亚”、“爱克”，为市场和客户提供以高压耐火装饰板为主的系列工程饰材以及室内在墙门、隔断、家具、室内门及屋顶天花、专业台面等的空间整体解决方案。提供视觉美感与功能性并驾齐驱的整体空间饰材，是爱克·威盛亚产品价值的卓越体现。爱克的技术和产品在人居生活的方方面面得到广泛应用，发挥着积极作用。

作为国际公司，爱克集团以创造与挑战作为企业发展宗旨，以成为受社会信赖的企业为目标，坚持改革创新和可持续发展。我们在迈向新时代的低碳环保、大健康生活、老龄化生活，以及新冠病毒带来的变化，担负起爱克的社会责任，为实现可持续发展的繁荣社会做出贡献。

爱克集团利用核心的化学技术与设计融合优势，开发和制造独具匠心的产品，实现建材的高性能和抗菌、防病毒、消臭、耐腐蚀、耐污染、耐油污、低甲醛等独特功能。我们的产品采用多种安全的、乃至生物质资源的材质，具有丰富的色彩、图案和表面肌理，满足健康安全环保，以及优异的舒适性、耐久坚固性和易使用性等需求。

创您所爱，人居美好。

品牌价值理念 Brand value



九大核心技术 9 Core technologies





WHERE TO USE

应用

PRODUCT LINE / 产品线



纯色耐火板
SOLID COLOR LAMINATE

斑斓之色, 炫动色彩空间
Gorgeous and dazzling color space



木纹耐火板
WOODGRAIN LAMINATE

木质纹理, 真实再现自然风尚
Wood texture, a true representation of natural style



艺境耐火板
EXPRESSION LAMINATE

别致艺纹, 装点异样空间
Chic art grain, to highlight distinctive space



石纹耐火板
STONE LAMINATE

媲美石材, 魅力恒久
A comparable to stone, presenting lasting charm



定制艺术板
CUSTOM-MADE LAMINATE

个性图案, 随心定制, 让空间与众不同
Pattern customized as you wish, expressing a distinctive space style



倍耐板
SOLID PHENOLIC CORE LAMINATE

结构材料, 双面效果, 时尚实用, 堪重耐用
Structural material, double surfaces, fashion and durability



保特耐 / 医疗板
PROTECTNATE / MEDISURF

抗菌环保, A级不燃, 打造舒适空间
Antibacterial, eco-friendly and class-A fire resistant material, to create a comfortable space



耐蚀理化板 / 佰克板 / 抗静电物理板
CHEMSURF / PROTECTOR / PHYSURF

化学实验室腐蚀性环境的防护或电子工业的静电放电防护
Safeguard corrosive environment in chemistry lab or anti-electrostatic discharge in electronics industry



金属耐火板
METAL LAMINATE

金属效果, 质地轻薄, 坚固耐用
Metal effect with thin texture and durability



同芯板
MONOCHROM LAMINATE

美观大方, 自然收边, 更加耐久
Artistic and durable with natural closing edge



抗指纹板
TRACELESS LAMINATE

触摸无痕的感官品质, 缔造极致空间
Touch without a trace, create an exquisite atmosphere



书写板
MARKER BOARD

书写自如, 装饰与功能性兼具
Smooth for writing, both decorative and functional

PRODUCT APPLICATIONS 产品应用

室内装饰解决方案

Solutions for interior designs



墙 / Wall



门 / Door



隔断 / Partitions



家具 / Furniture



台面 / Worktop

SEGMENTS 市场区隔

我们的产品适用于所有空间, 如商空、医疗、办公、酒店、教育、交通、家居。

Our products are ideal for applications to all types of space design and segments, including but not limited to commercial building, office building, hospitality, education, transportation and residential.



商空 / Commercial



医疗 / Healthcare



办公 / Office



酒店 / Hospitality



教育 / Education



定制艺术板
Custom-made Laminate

保特耐
Protectnate

人造石
Solid Surface

金属板
Metal

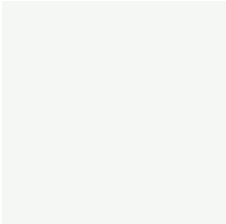
人造石
Solid Surface

耐火板
HPL

抗指纹板
Traceless



4925 月光云石
Calcutta Marble



D354SL 装饰白
Designer White



D90-TS 北海灰
North Sea



3953 线性金属
Fineline Matt Alu



定制艺术板
Custom-made Laminate



倍耐板
SPC

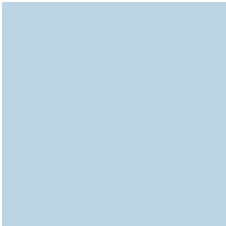
医疗板
Medical Board

耐火板
HPL

定制艺术板
Custom-made Laminate

耐火板
HPL

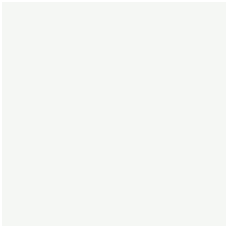
人造石
Solid Surface



0763 风信子蓝
Ara



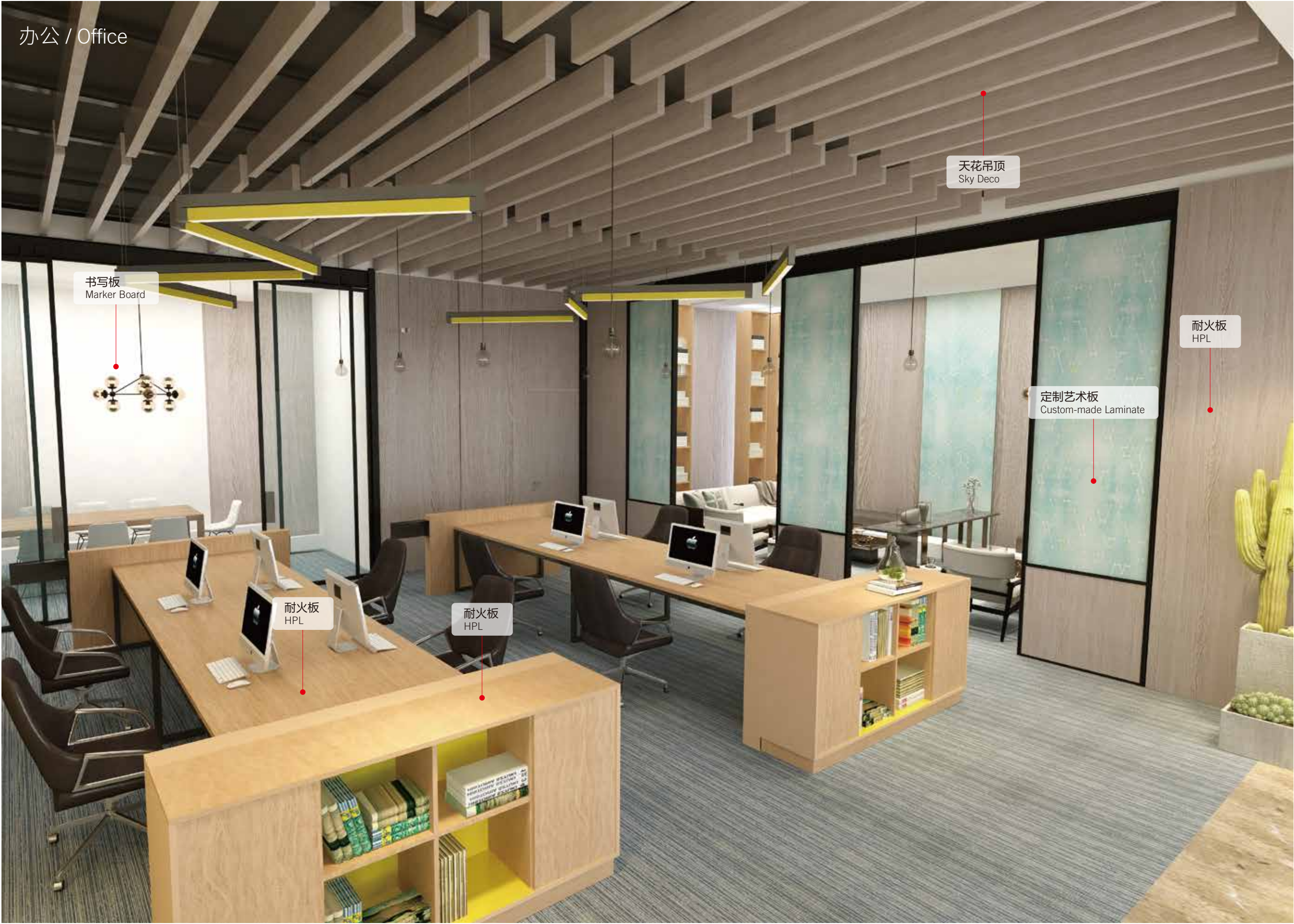
P057 新橡木
Newport Oak



D354SL 装饰白
Designer White



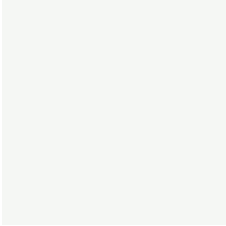
定制艺术板
Custom-made Laminate



4288 青锡橡木
Natural Ash



4280 自然栲木
Pewter Oak



D354M0 装饰白
Designer White



定制艺术板
Custom-made Laminate



4340 摩卡灵心
Mocca Soul



3961BR 红铜拉丝
Handsel SR



定制艺术板
Custom-made Laminate



定制艺术板
Custom-made Laminate

保特耐
Protectnate

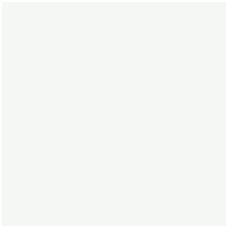
倍耐板
SPC

书写板
Marker Board

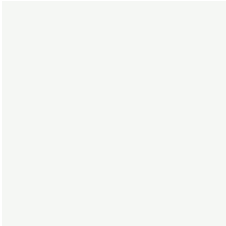
理化板
Chemsurf®
Chemical-resistant compact laminate

耐火板
HPL

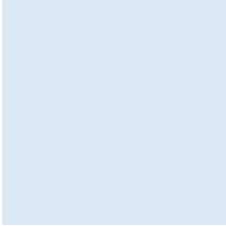
耐火板
HPL



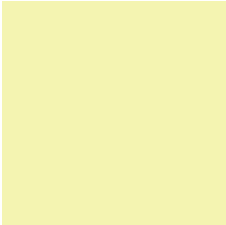
D354 装饰白
Designer White



D354MO 装饰白
Designer White



Z727 冰点蓝
Ice



O446 撒金黄
Gold



O387 橙色
Orange



定制艺术板
Custom-made Laminate

COLOR MAPPING 色彩流行

色彩与花纹入室, 实现材料与灵感的碰撞。

Color and grain integrated into interior design to spark the chemistry between materials and inspiration.



商空 / Commercial

助力品牌价值
Impact that's priceless





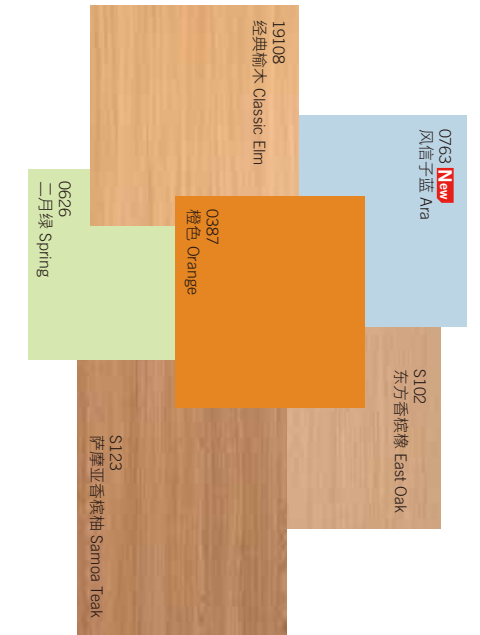
酒店 / Hospitality

驻留美好回忆
Every stay has a story



医疗 / Healthcare

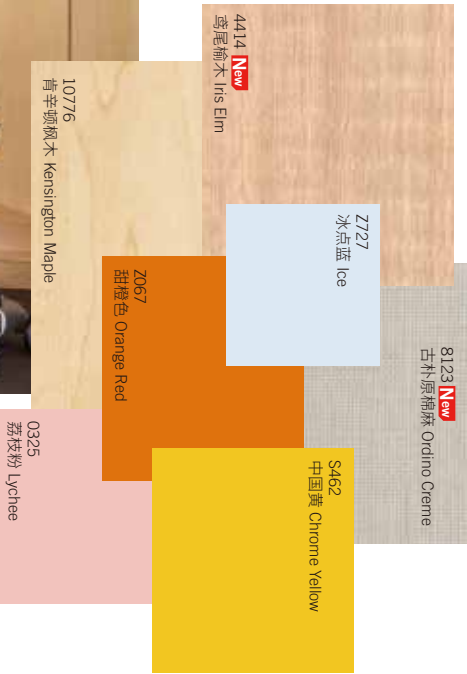
提升医疗体验
Improve the experience





教育 / Education

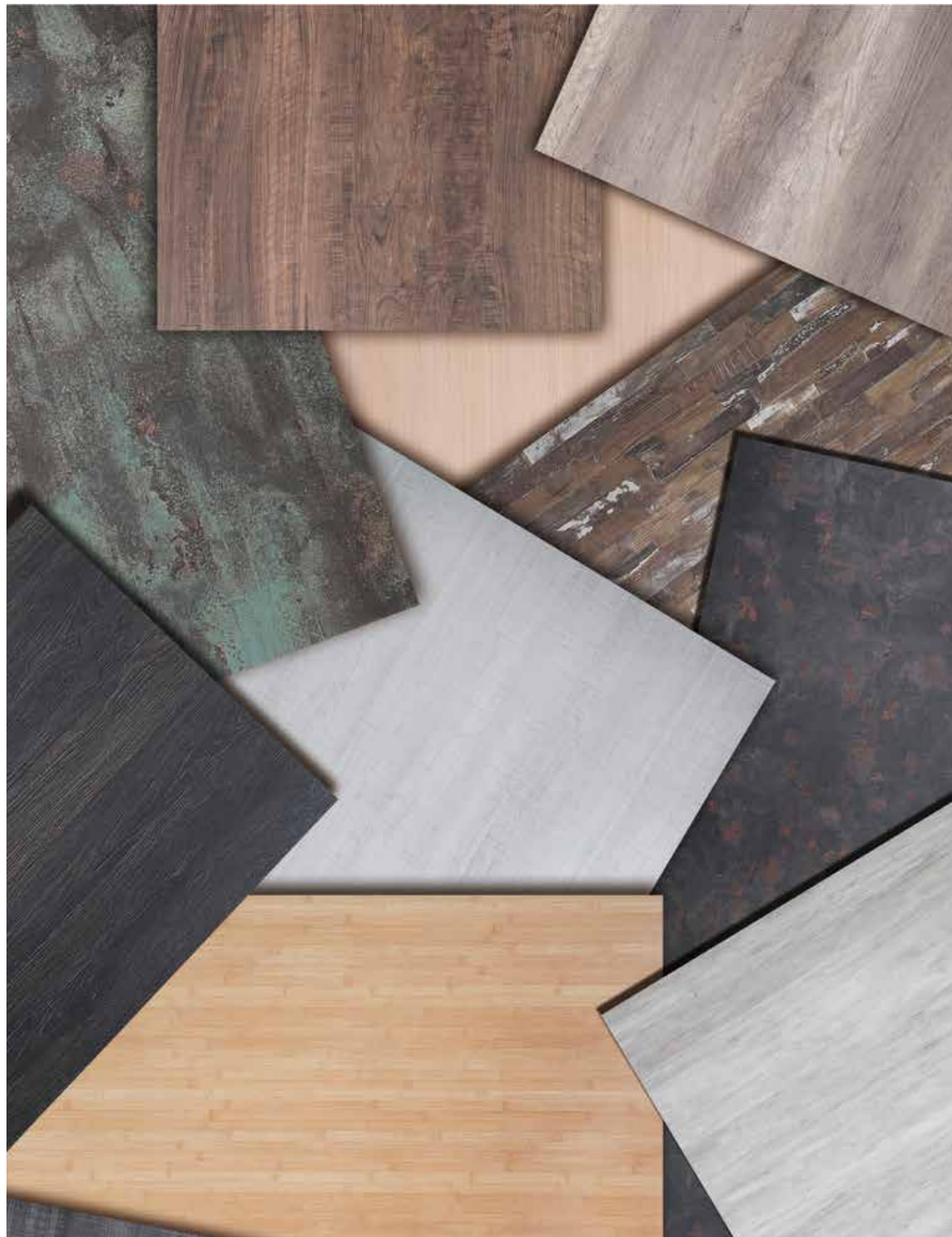
启迪学习灵感
Inspiration for generations



办公 / Office

探索办公环境
Transformation at work





PRODUCTS

产品介绍

HIGH PRESSURE LAMINATE (HPL)
耐火板

耐火板是一种兼具极强装饰性又经久耐用的高压装饰耐火材料,被广泛应用于各种室内装饰表面,如家具、橱柜、室内门、隔断、台面、装饰天花、墙面、包柱等等。

High pressure laminate is a highly decorative and durable material widely applicable to interior design, such as furniture, cabinet, door, parti-tion, countertop, decorative ceiling, wall and wrapped pillar.



1

2

3

1. 三聚氰胺浸渍保护层
Melamine treated overlay

2. 装饰纸
Decorative layer

3. 酚醛树脂浸渍牛皮纸
Phenolic treated kraft paper



耐磨损
Wear Resistance



耐刮擦
Scratch Resistance



可弯曲
Postformable



SIAA
ISO 22196
for KOHKIN
无机抗菌剂-加入
高压装饰纸表面
CN0122806A0001M



SIAA
ISO 22196
for KOHKIN
无机抗菌剂-加入
装饰门饰层
CN0122806A0002N

SIAA标识表明:此制品根据ISO22196的测试结果,在抗菌制品技术协议会(SIAA)的指导方针下进行品质管理和信息公开。

▶ 色彩丰富,装饰性强,纯色、木纹、石纹、花色等多种装饰效果可选

Rich color and highly decorative, presenting various effects including solid color, woodgrain and stone look, abstract etc.

▶ 可搭配多种表面肌理呈现极佳的视觉及真实的触觉

Various surface textures could be matched to create optimal visual effect and realistic touch.

▶ 耐磨表面,经久耐用,抗菌防霉

Wear resistant surface with high durability, and antimicrobial

▶ 薄型板可进行后成型倒角加工,实现转角设计的需求或带来美观的收边效果

Thin sheet can be processed with chamfer to achieve bevel design or bring artistic closing edge.

▶ 可定制个性图案

The pattern can be customized.

种类 Category	可弯曲型耐火板 Postforming	平贴型耐火板 General
常规厚度 Thickness	0.7mm	1.0mm
常规型号 Type	335	105
常规尺寸 Size	4'x8' (1220mmx2440mm) 5'x10' (1525mmx3050mm)*	

*适用于特定的颜色和表面肌理
*For selected colors and surface textures only

耐火板物理性能 Physical Properties	弯板 Postforming - 0.7mm		平板 General - 1.0mm	
	典型值 Typical Value**	NEMA	典型值 Typical Value**	NEMA
耐高温性能 High Temperature Resistance	轻微影响 Slight effect	轻微影响 Slight effect	无影响 No effect	轻微影响 Slight effect
耐沸水性 Boiling Water Resistance	无影响 No effect	无影响 No effect	无影响 No effect	无影响 No effect
抗落球冲击性 Ball Impact Resistance	1650mm 无变化 No damage	≥500mm 无变化 No damage	1850mm 无变化 No damage	≥900mm 无变化 No damage
耐刮划性 Scratch Resistance	2N		2N	
表面耐磨性 Wear Resistance (cycles)	≥400	≥400	≥400	≥400
耐污染性 Stain Resistance	试剂 Reagents 1-10* 试剂 Reagents 11-15*	无影响 No effect 轻微影响 Slight effect	无影响 No effect 中等影响 Moderate effect	无影响 No effect 中等影响 Moderate effect
高温尺寸稳定性 High Temperature Dimensional Stability				
MD纵向 Machine Direction	0.33%	≤1.1%	0.20%	≤0.6%
CD横向 Cross Direction	0.77%	≤1.4%	0.14%	≤1.0%
室温尺寸稳定性 Room Temperature Dimensional Stability				
MD纵向 Machine Direction	0.23%	≤1.0%	0.39%	≤0.6%
CD横向 Cross Direction	0.42%	≤1.3%	0.21%	≤1.0%
最小弯曲半径 Minimum Bend Radius	6mm (CD)		≤13mm	

耐火板环保与燃烧性能 Environmental and Flammability Performance	弯板 Postforming - 0.7mm		平板 General - 1.0mm	
	典型值 Typical Value**	GB	典型值 Typical Value**	GB
甲醛释放量 Formaldehyde Emission	0.014 mg/m³	≤0.124 mg/m³	0.012 mg/m³	≤0.124 mg/m³
阻燃等级 Flammability Class				
普通级 Common Grade	B2	B2	B2	B2
阻燃级 Flame Retardant Grade			B1	B1

*15种试剂:1) 蒸馏水;2) 乙醇溶液;3) 丙酮;4) 家用氨水;5) 10%柠檬酸;6) 植物油;7) 新泡咖啡;8) 新泡茶水;9) 番茄酱;10) 黄芥末酱;11) 10%碘酒;12) 黑色记号笔;13) #2铅笔;14) 蜡笔;15) 黑色鞋油。

*15 kinds of test reagent and stain: 1) Distilled water, 2) Ethyl alcohol, 3) Acetone, 4) Household ammonia, 5) 10% Citric acid, 6) Vegetable oil, 7) Fresh coffee, 8) Fresh tea, 9) Catsup, 10) Yellow mustard, 11) 10% Povidone iodine, 12) Black permanent marker, 13) #2 pencil, 14) Wax crayon, 15) Black paste shoe polish.

**典型值只代表样品测试值,不能作为投诉依据。
**Typical value reflects the sample tested only but can not be used for quality claim.

32
爱克威盛亚®耐火饰材
High Pressure Laminate

SURFACES YOU LOVE
33

SOLID PHENOLIC CORE LAMINATE (SPC)

倍耐板

倍耐板即加厚双饰面高压耐火装饰板,可不必粘附在基材上而直接作为结构性材料使用。广泛应用于室内墙面、浴厕隔断、更衣室隔断、空间区域分隔,储物柜及各种台面等,提供单面或双面统一的装饰效果。

Solid Phenolic Core Laminate (SPC) belongs to compact laminate with double-faced decorative surface. It can be directly used as a structural material without substrate. It is a durable solution for high-impact surfaces such as walls, lockers, cabinets, countertops, elevator cabs, restroom partitions and cubicles.



1

2

3

1. 三聚氰胺浸渍保护层
Melamine treated overlay

2. 装饰纸
Decorative layer

3. 酚醛树脂浸渍牛皮纸
Phenolic treated kraft paper



耐冲击
Impact Resistance



能堪重负
Strong Loading



耐磨损
Wear Resistance



无机抗菌剂-加入
高压装饰纸表面
CNO122806A0001M



无机抗菌剂-加入
室内门表面
CNO122806A0002N

SIAA标识表明:此制品根据ISO22196的测试结果,在抗菌制品技术协议会(SIAA)的指导下进行品质管理和信息公开。

▶ 色彩丰富,装饰性强,素色、木纹、石纹、花色等多种装饰效果可选

Rich color and highly decorative, presenting various effects including solid color, woodgrain and stone look, abstract etc.

▶ 可搭配多种表面肌理呈现极佳的视觉及真实的触觉

Various surface textures could be matched to create optimal visual effect and realistic touch.

▶ 结构紧密稳固,强度高,韧性好

Compact structure with high stability and good flexural strength

▶ 耐磨表面,经久耐用,抗菌防霉

Wear resistant surface with high durability, and antimicrobial

▶ 防撞性能高

High impact performance

▶ 抗压性强,硬度大,承重性能好

Strong compressive strength, high hardness, heavy loading performance

▶ 可定制个性图案

The pattern can be customized.

常规厚度 Thickness	4mm	8mm	12mm
常规型号 Type	5040	5080	5120
常规尺寸 Size	4'x8' (1220mmx2440mm) 5'x10' (1525mmx3050mm)*		

*适用于特定的颜色和表面肌理

*For selected colors and surface textures only

倍耐板物理性能 Physical Properties (8mm)	典型值 Typical Value**	NEMA
耐高温性能 High Temperature Resistance	无影响 No effect	轻微影响 Slight effect
耐沸水性 Boiling Water Resistance	无影响 No effect	无影响 No effect
抗落球冲击性 Ball Impact Resistance	2600mm 无变化 No damage	≥1900mm 无变化 No damage
耐刮划性 Scratch Resistance	2N	
表面耐磨性 Wear Resistance (cycles)	≥400	≥400
耐污染性 Stain Resistance 试剂 Reagents 1-10* 试剂 Reagents 11-15*	无影响 No effect 轻微影响 Slight effect	无影响 No effect 中等影响 Moderate effect
高温尺寸稳定性 High Temperature Dimensional Stability MD纵向 Machine Direction CD横向 Cross Direction	0.08% 0.11%	≤0.3% ≤0.7%
室温尺寸稳定性 Room Temperature Dimensional Stability MD纵向 Machine Direction CD横向 Cross Direction	0.16% 0.16%	≤0.3% ≤0.7%
弯曲强度 Flexural Strength MD纵向 Machine Direction CD横向 Cross Direction	142MPa 109MPa	≥124MPa ≥82.7MPa
拉伸断裂强度 Tensile Strength MD纵向 Machine Direction CD横向 Cross Direction	132MPa 126MPa	≥124MPa ≥82.7MPa
弯曲弹性模量 Flexural Modulus MD纵向 Machine Direction CD横向 Cross Direction	12.2GPa 10.5GPa	≥11.0GPa ≥9.65GPa

倍耐板环保与燃烧性能 Environmental and Flammability Performance (8mm)	典型值 Typical Value**	GB
甲醛释放量 Formaldehyde Emission	0.05 mg/m³	≤0.124 mg/m³
阻燃等级 Flammability Class 普通级 Common Grade 阻燃级 Flame Retardant Grade	B1 B1	B1 B1

*15种试剂:1) 蒸馏水;2) 乙醇溶液;3) 丙酮;4) 家用氨水;5) 10%柠檬酸;6) 植物油;7) 新泡咖啡;8) 新泡茶水;9) 番茄酱;10) 黄芥末酱;11) 10%碘酒;12) 黑色记号笔;13) #2铅笔;14) 蜡笔;15) 黑色鞋油。

*15 kinds of test reagent and stain: 1) Distilled water, 2) Ethyl alcohol, 3) Acetone, 4) Household ammonia, 5) 10% Citric acid, 6) Vegetable oil, 7) Fresh coffee, 8) Fresh tea, 9) Catsup, 10) Yellow mustard, 11) 10% Povidone iodine, 12) Black permanent marker, 13) #2 pencil, 14) Wax crayon, 15) Black paste shoe polish.

**典型值只代表样品测试值,不能作为投诉依据。

**Typical value reflects the sample tested only but can not be used for quality claim.

34 爱克威盛亚® 耐火饰材 High Pressure Laminate

SURFACES YOU LOVE 35

PROTECTNATE NON-COMBUSTIBLE PANEL

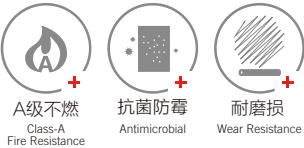
保特耐

保特耐是一种集不燃、甲醛释放量低和易清洁等特性于一体的绿色环保装饰材料, 以其优越的特性适用于对防火和环保要求较高的建筑领域, 尤其是走道墙面。

Protectnate is a specialty laminate featured with fire resistant, low formaldehyde emission and easy-to-clean, which are particularly recommended for aisle walls in public space with stringent fire rating requirement.



- 1. 三聚氰胺浸渍保护层
Melamine treated overlay
- 2. 装饰纸
Decorative layer
- 3. 无机芯材
Non-organic core



SIAA标识表明: 此制品根据ISO22196的测试结果, 在抗菌制品技术协议会 (SIAA) 的指导方针下进行品质管理和信息公开。

- ▶ 色彩丰富, 质地均匀, 装饰性强, 纯色、木纹、石纹、花色多种装饰效果可选
Rich color and highly decorative, presenting various effects such as solid color, woodgrain and stone look, abstract etc.
- ▶ 耐磨表面, 经久耐用
Wear performance surface with high durability
- ▶ 具有很强的防火性能, 属A级不燃材料
Class-A fire resistant
- ▶ 甲醛释放量低
Low formaldehyde emission
- ▶ 具有长期、安全、高效的抗菌防霉功能
Antibacterial and anti-mildew function

常规厚度 Thickness	4.5mm
常规型号 Type	PRA4
常规尺寸 Size	1200mmx2400mm 1200mmx3000mm
搭配肌理 Surface Textures	SF, HS, ST, AW, WM, 60

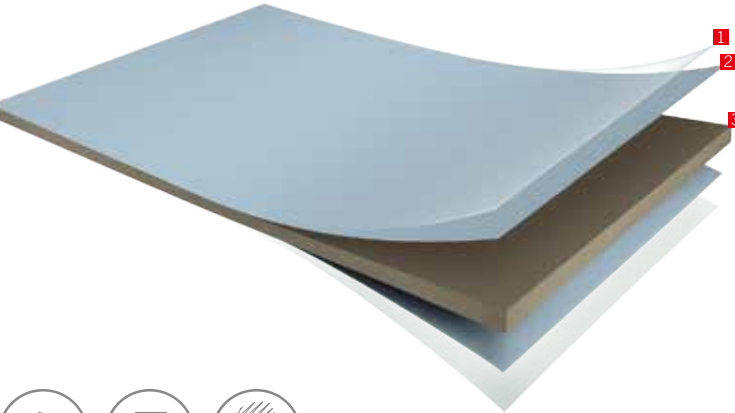


MEDISURF® NON-COMBUSTIBLE PANEL

医疗板

医疗板是一种集不燃、甲醛释放量低和易清洁等特性于一体的绿色环保装饰材料，以其优越的特性适用于对防火和环保要求较高的医疗建筑领域，尤其是走道墙面。

Medisurf is a specialty laminate featured with fire resistant, low formaldehyde emission and easy-to-clean, which are particularly recommended for aisle walls in healthcare facilities with stringent fire rating requirement.

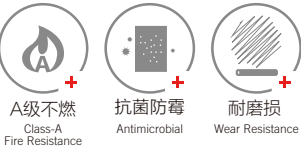


1. 三聚氰胺浸渍保护层

Melamine treated overlay
2. 装饰纸

Decorative layer
3. 无机芯材

Non-organic core



SIAA标识表明：此制品根据ISO22196的测试结果，在抗菌制品技术协议会（SIAA）的指导方针下进行品质管理和信息公开。

- 色彩丰富，质地均匀，装饰性强，纯色、木纹、石纹、花色多种装饰效果可选

Rich color and highly decorative, presenting various effects such as solid color, woodgrain and stone look, abstract etc.
- 耐磨表面，经久耐用

Wear performance surface with high durability
- 具有很强的防火性能，属A级不燃材料

Class-A fire resistant
- 甲醛释放量低

Low formaldehyde emission
- 具有长期、安全、高效的抗菌防霉功能

Antibacterial and anti-mildew function

常规厚度 Thickness	4.5mm
常规型号 Type	FA04
常规尺寸 Size	1200mmx2400mm 1200mmx3000mm
搭配肌理 Surface Textures	60



保持耐/医疗板物理性能 Physical Properties of Non-combustible Panel	典型值 Typical Value**	NEMA
耐高温性能 High Temperature Resistance	无影响 No effect	轻微影响 Slight effect
耐沸水性 Boiling Water Resistance	无影响 No effect	无影响 No effect
抗落球冲击性 Ball Impact Resistance	6mm	≤10mm (1m高度)
耐刮划性 Scratch Resistance	2N	
表面耐磨性 Wear Resistance (cycles)	≥400	≥400
耐污染性 Stain Resistance 试剂 Reagents 1-10* 试剂 Reagents 11-15*	无影响 No effect 轻微影响 Slight effect	无影响 No effect 中等影响 Moderate effect

保持耐/医疗板环境与防火性能 Environmental and Flammability Performance of Non-combustible Panel	典型值 Typical Value**	GB
甲醛释放量 Formaldehyde Emission	0.105 mg/m³	≤0.124 mg/m³
阻燃等级 Flammability Class	A (A2)	A

*15种试剂:1) 蒸馏水;2) 乙醇溶液;3) 丙酮;4) 家用氨水;5) 10%柠檬酸;6) 植物油;7) 新泡咖啡;8) 新泡茶水;9) 番茄酱;10) 黄芥末酱;11) 10%碘酒;12) 黑色记号笔;13) #2铅笔;14) 蜡笔;15) 黑色鞋油。

*15 kinds of test reagent and stain: 1) Distilled water, 2) Ethyl alcohol, 3) Acetone, 4) Household ammonia, 5) 10% Citric acid, 6) Vegetable oil, 7) Fresh coffee, 8) Fresh tea, 9) Catsup, 10) Yellow mustard, 11) 10% Povidone iodine, 12) Black permanent marker, 13) #2 pencil, 14) Wax crayon, 15) Black paste shoe polish.

**典型值只代表样品测试值，不能作为投诉依据。

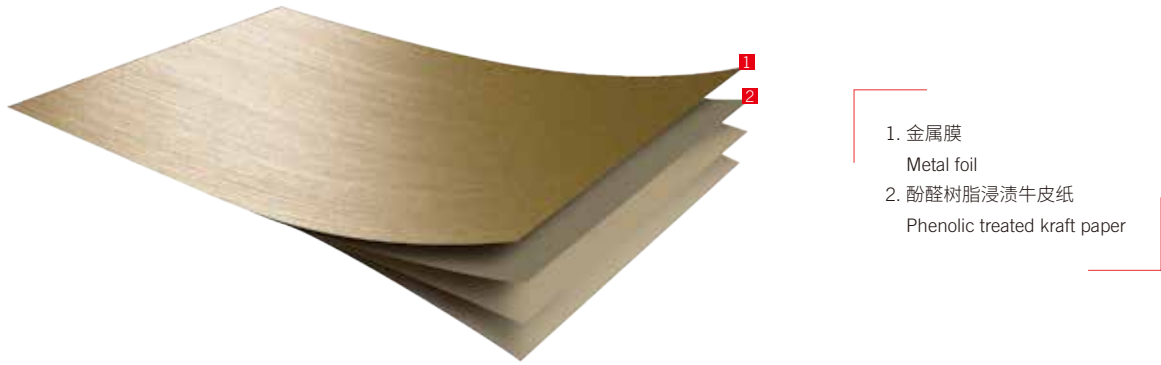
**Typical value reflects the sample tested only but can not be used for quality claim.

METAL LAMINATE

金属耐火板

金属耐火板, 即表层为金属膜的耐火板, 具有工业风及科技感的设计。适用于墙面、门及装饰边条等。

Metal laminate is a specialty laminate with metallic surface which best present the design of modern industrial style and high-tech sophistication which is recommended for walls, doors and decorative edge etc..



- ▶ 光彩亮丽, 质轻耐用
Bright, lightweighted and durable
- ▶ 不建议应用于承重水平面、潮湿环境以及室外
Not recommended for use in heavy-loading countertop, humid environments and outdoor
- ▶ 不可做后成型弯曲加工
Can't be processed with postforming

常规厚度 Thickness	0.9mm / 1.0mm
常规型号 Type	408 / 418
常规尺寸 Size	4'x8' (1220mmx2440mm)



MONOCHROM LAMINATE

同芯板

同芯板由多层装饰纸高温高压而成，芯材与表层采用相同的装饰纸，呈现和谐统一的效果，边缘无需特别处理，适用于室内装饰及定制家具，搭配质感十足的肌理，或光滑或粗糙，营造简约而优雅的现代感空间。

Monochrom laminate is a specialty laminate with see-through color core which requires no further treatment for the edge. Paired with rough or smooth surface, Monochrom is ideal to create a simple but elegant modern space with seamless edge.



1. 三聚氰胺浸渍保护层
Melamine treated overlay

2. 装饰纸
Decorative layer



耐磨损
Wear Resistance



耐刮擦
Scratch Resistance



抗菌防霉
Antimicrobial



SIAA
ISO 22196
for KOHKIN
无机抗菌剂·加入
高压饰面板表层
CN0122806A0001M



SIAA
ISO 22196
for KOHKIN
无机抗菌剂·加入
室内门表层
CN0122806A0002N

SIAA标识表明：此制品根据ISO22196的测试结果，在抗菌制品技术协议会（SIAA）的指导方针下进行品质管理和信息公开。

- 经典的纯黑/白两色
Classic pure black or white color, in four surface textures
- 高耐磨表层, 经久耐用, 抗菌防霉
Strong wear resistant surface with high durability, and antimicrobial
- 良好的耐热、耐潮湿性能
Good heat and moisture resistance

常规厚度 Thickness	1.0mm
常规型号 Type	105S (白色) / 195 (黑色)
常规尺寸 Size	4'x8' (1220mmx2440mm)
搭配肌理 Surface Textures	AW, SF, ST, SV



TRACELESS LAMINATE

抗指纹板

抗指纹板是一款触摸无痕高压耐火内饰面材。柔滑，温暖，缔造优雅永恒的极致空间。适用于对美观度有高标准需求的空间应用。

Traceless Laminate is a specialty laminate with unique fingerprint-resistant technology, radiates extreme aesthetic appeal with its silky soft, warm structure. It is the perfect choice for the most demanding applications.



- 1. 抗指纹表层
Fingerprint-resistant layer
- 2. 装饰色纸
Decorative layer
- 3. 酚醛树脂浸渍牛皮纸
Phenolic treated kraft paper



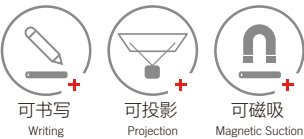
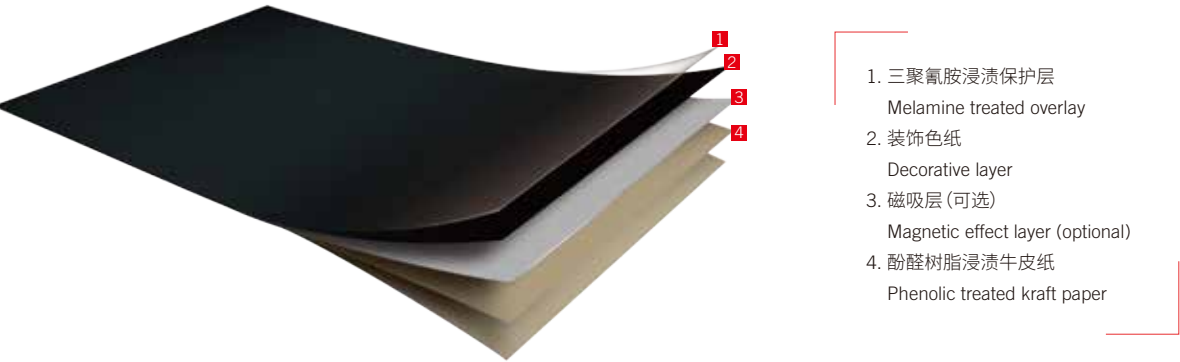
- ▶ 抗指纹
Touch without leaving a trace
- ▶ 防污迹, 极易清洁
Anti-stain and easy to clean
- ▶ 耐热、耐刮擦
Highly durable surface with heat and scratch resistance
- ▶ 可做墙面、家具、道具等
Suitable for wall, furniture, display fixture and so on

常规厚度 Thickness	0.8mm
常规型号 Type	104RE
常规尺寸 Size	1320mmx3050mm



MARKER BOARD
书写板

书写板是一款兼具装饰性与书写功能的高压耐火内饰面材。作为书写板、投影板、磁吸板的功能墙面，清洁维护十分方便。
Marker board is a special laminate with decorative and writing function. Its application on wall could be served as writing board, projection board and magnetic suction board. It is also easy to maintain and to clean.



- 书写自如，磁铁吸附，可做投影幕
Writing, projection, magnetic suction optional
- 抗菌环保，易清洁
Anti-bacterial and environmental-friendly, easy to clean

常规厚度 Thickness	1.0mm / 1.2mm (磁性)
常规型号 Type	105TH / 107TH
常规尺寸 Size	4'x8' (1220mmx2440mm)



CUSTOM-MADE LAMINATE

定制艺术板

将心仪的图案制成装饰板材，来装点您的个性空间。
Accomplish your inspiring design into decorative panel to create a personalized space.



- 1. 三聚氰胺浸渍保护层
Melamine treated overlay
- 2. 艺术装饰纸
Artistic decorative layer
- 3. 酚醛树脂浸渍牛皮纸
Phenolic treated kraft paper



私人定制
Personalized Design



色泽持久
Strong Color Fastness



高清画质
High Definition

SIAA
ISO 22196
for KOHKIN
无机抗菌剂·加入
高压饰面板表面
CN0122806A0001M

SIAA
ISO 22196
for KOHKIN
无机抗菌剂·加入
室内门表面
CN0122806A0002N

SIAA标识表明：此制品根据ISO22196的测试结果，在抗菌制品技术协议会（SIAA）的指导方针下进行品质管理和信息公开。

常规厚度 Thickness	0.7mm	1.0mm	4mm	8mm	12mm
常规型号 Type	364	374	5040	5080	5120
常规尺寸 Size	4'x8' (1220mmx2440mm)				

注：制作尺寸与成品尺寸之间有最多 3%的合理误差。
Note: Max. 3% tolerance between design print size and production size.

DIGITAL ART / 艺术设计

为创造更具独特的表面饰材的空间效果，我们打造了艺术设计图库，多种空间风格的艺术图可供选择。空间与灵感碰撞，让每个空间都与众不同。

Art design library could provide varieties of styles and art designs at customer's option to create uniqueness for different spaces. The chemistry between space and inspiration could make each space an unique stay.



行云流水
Force of Nature



玉树庭花
Ethnic Elegance



春风拂柳
Willow



星光
Starshine



魔术师
Magician



遐思集
Dreamset

更多风格图案查询请登陆官网 www.wilsonart.com.cn 艺术板图库，或官方微信“WILSONART”
For more digital art designs, please visit “www.wilsonart.com.cn”. Click “Art Design Library” to see more style pictures, or visit WeChat “WILSONART”.

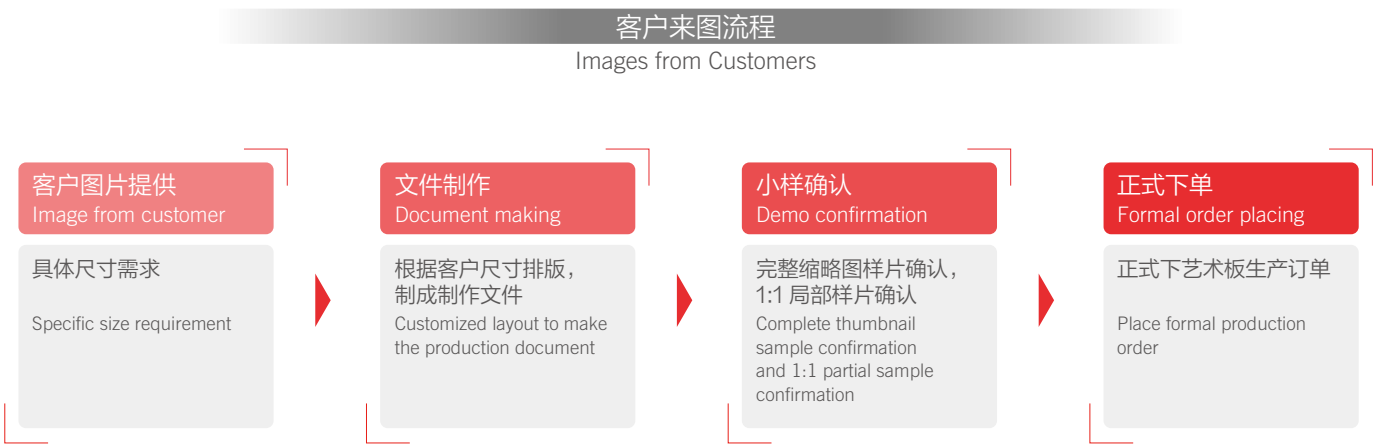
PERSONALIZED DIGITAL / 艺术定制

艺术定制为您的想象力表达提供了无限可能。您只需要轻松的提供给我们您自己的图片、画稿、照片或插图，我们就可以为您制作不一样的装饰板。从企业标识到主题环境，我们的定制服务让您在任何应用中都能够体现您的个性色彩。

Custom-made Laminate inspires your infinite imagination. We can make an ingenious decorative panel for you with pictures, drawings, photos or illustrations provided. From corporate logo to different themes, our custom-made service renders you the color showing your identity in any application.

CUSTOM-MADE PROCESS

艺术板定制流程



- 客户提供素材档案的要求：
Requirements for customized files from customers:
- 1) 客户提供的文件类型可以是 AI、EPS、PSD、JPG、TIF、PDF 格式的原始文件，位图文件尺寸需与成品实际尺寸一致，图片分辨率至少 120 像素 / 英寸。
File format: original file in AI, EPS, PSD, JPG, TIF or PDF format. The file size shall be consistent with the actual size of the finished product, 120 pixels/inches of photograph resolution at least.
 - 2) 制作文件为实际尺寸的 TIF 格式，分辨率至少 120 像素 / 英寸。客户需要确认图案的排版、尺寸、裁切、出血，以及 1:1 情况下的清晰度等。
The production document is in TIF format and 120 pixels/inches of resolution at least. Customer needs to confirm the clarity of the image in the 1:1 case and the details of layout, jointing and cutting.
 - 3) 客户来图，客户应已有版权，本公司不承担版权问题。由本公司制作设计的图案，其版权归属本公司所有。
For images provided by customer, copyright should have been obtained at customer end and we will not undertake all copy right related responsibility. Copyrights of designs by us all reserved with us.
 - 4) 如果客户有修图需求，设计师根据相应的工作量而定，一般为两到三天，具体修图时间视图片的复杂程度而定。
If image editing is requested by customer, it takes 2-3 working days but subject to the complexity of the workload.



APPLICATIONS

应用案例

WALL 墙面



应用部位：室内墙面、走道墙面、楼梯墙面、电梯间墙面、装饰墙面、包柱等
Suitable for interior wall / aisle wall / stair wall / decorative wall / pillar etc.

PARTITION 隔断



应用部位:卫生间隔断、浴室隔断、试衣间隔板、空间分隔等
Suitable for restroom partition / bathroom partition / fitting room partition / cubicle etc.

INTERIOR DOOR 门



FURNITURE 家具

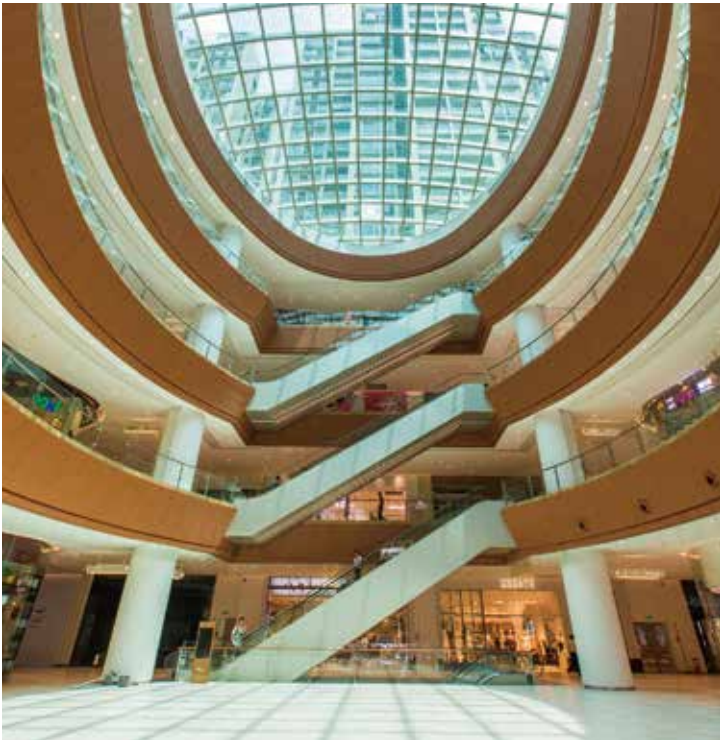


应用部位：各式储物柜、展示柜、置物架、桌面、台面、座椅等
Suitable for storage cabinets / display fixture / shelves / countertops / table top / chairs etc.

DECORATIVE CEILING 装饰天花



RETAIL 零售



CATERING 餐饮



HOSPITALITY 酒店



HEALTHCARE 医疗



OFFICE 办公



TRANSPORTATION 交通



EDUCATION 教育



RESIDENTIAL 家装





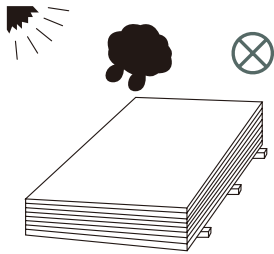
FABRICATION TIPS

板材加工小贴士

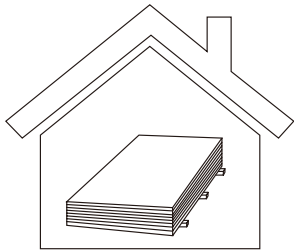
USAGE ADVICE 使用说明

1、存储 Storage

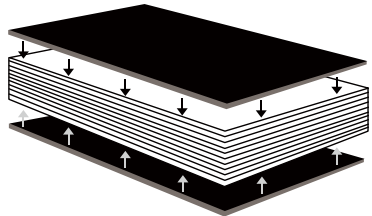
1) 存放于阴凉、干燥的室内，避免阳光直射（推荐的适宜温度 24℃，相对湿度 45% 左右）
No direct exposure to sun light for storage in warehouse with shady and dry condition (24℃ , Rh 45%).



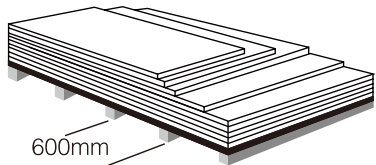
2) 切勿接触墙面
Never touch the wall.



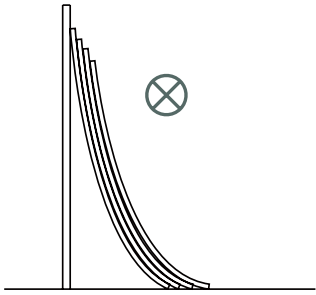
3) 上用盖板、下用垫板保护，不可直接堆放在地面。建议用塑料薄膜包裹整架板材，防止受潮
Use cover sheets on the top and bottom of panel pile. Plastic film is recommended to cover the panels wholly to prevent moisture.



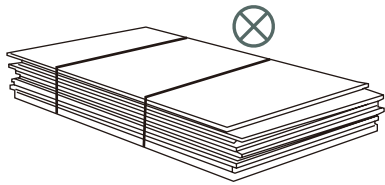
4) 应使用栈板，避免受潮，栈板板面略大于板材，垫板厚度（倍耐板 / 保特耐 / 医疗板）≥ 3mm，耐火板 ≥ 1mm），栈板下方木筋间距 ≤ 600mm，确保板材受力均匀
Use a pallet that is slightly larger than the panel to prevent moisture. Base panel thickness recommend: SPC / Protectnate / Medisurf ≥ 3mm, HPL ≥ 1mm. The distance of wood reinforcement under pallet ≤ 600mm.



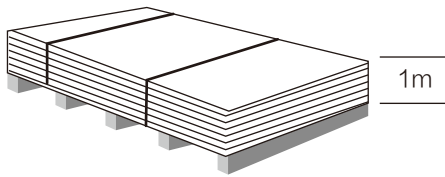
5) 必须水平放置，切勿竖向堆放
Horizontally placed instead of vertical stacking.



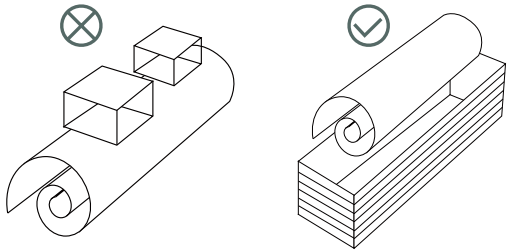
6) 整齐平放，切勿参差不齐摆放
Lay in an orderly manner.



7) 每架高度 ≤ 1m，堆高 ≤ 3m
Rack height ≤ 1m, stack height ≤ 3m



8) 卷装时避免重压，或装于木箱内
Avoid pressure when rolling, or packed in a wooden case.

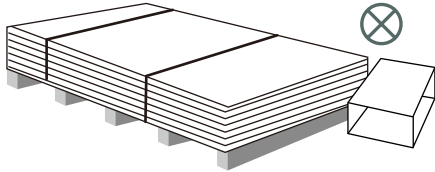


2、搬运 Carriage

1) 避免在板材表面拖动
No pull or drag while lifting / moving.



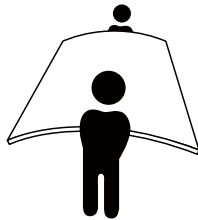
2) 避免边角与其它硬物碰撞
Keep corners away from other hard objects.



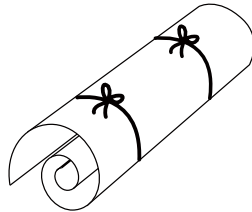
3) 切勿使用尖锐物品划伤表面
No sharp object to scratch the surface.



4) 耐火板取用时需两人使板材成拱形抬起，然后移动
When move HPL, make the panel arched.



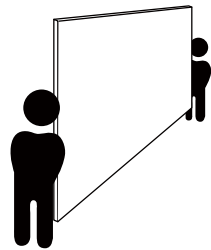
5) 耐火板也可单张板材卷成直径 ≥ 600mm 的圆筒，装饰面朝内，外用绳子打结，再进行搬运
Single laminate sheet could be rolled with a diameter ≥ 600mm while keeping the decorative surface inwards and then tied by a rope.



6) 倍耐板产品较重，整体搬运需使用叉车，连同栈板放到指定位置。单片取用需两人同时垂直抬起，然后移动，也可使用真空吸盘
Heavy SPC piles shall be wholly carried along with the pallet by a forklift. Lift vertically upward manually by two persons or by suction machine.



7) 保特耐 / 医疗板平抬后，搬运时应横边竖起搬运，以防芯材断裂
To prevent the core broken, Protectnate / Medisurf shall be carried with its horizontal side straight up upon lifting.



3、预处理 Pre-processing

- 1) 施工前，将板材、基材、粘结剂置于同一环境中适应温湿度不低于 48-72h，达到共同环境平衡效果
Leave the fabricated panels, substrates and adhesives on the job site for 48-72 hours before installation.
- 2) 如制作地环境与使用环境不同，板材施工前可进行干燥处理
The panels can be dried firstly if the production environment differs from the operation one.
- 3) 取用时采用先进先出原则
Follow first-in-first-out principle when use panels.
- 4) 加工前清除表面异物
Dust surface thoroughly before further fabrication.
- 5) 保特耐 / 医疗板在干燥环境中建议使用清漆封边处理
Edge sealing brush in varnish is suggested for Protectnate / Medisurf under dry conditions.

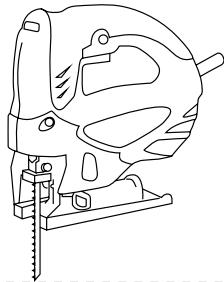
PANEL CUTTING 板材裁切

1、准备 Preparation

- 1) 保持工作区域干净、整洁
Keep working area clean and tidy.
- 2) 操作者需佩戴防护眼镜或面罩，必要时佩戴耳塞、安全鞋
The operator must wear protective glasses or mask, and if necessary, earphones and safety shoes.
- 3) 切勿在潮湿的工作区域使用电动工具
Never use electric tools in damp working environment.

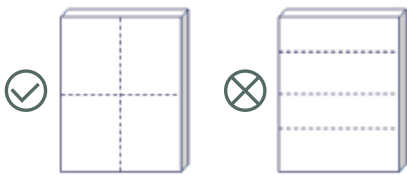
2) 曲线裁切 – 曲线锯 (适用于耐火板)

Curve cutting - sweep saw (suitable for HPL)



3、裁切 (倍耐板 / 保特耐 / 医疗板)
Cutting (SPC / Protectnate / Medisurf)

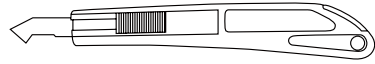
- 1) 板材水平置于裁切台
The panel shall be horizontally placed on the cutting table.
- 2) 锯齿从板材的装饰面切入，避免切断面产生缺口
Cut from the decorative side of the panel, avoiding cracking on the surface.
- 3) 板材沿长度方向裁切，以保证板材拼接时的同向拼接
Cut the panel along the length direction, ensuring splicing in the same direction.



- 4) 裁切时，预留 6mm 作为修边之用
Reserve a 6mm space for trimming.
- 5) 保持板材的直线传输，以保证切割边的笔直平整
Ensure cut edges straightly.
- 6) 根据板材厚度及硬度调整切割速度，板材越厚越硬速度应越小
Adjust cutting speed according to panel's thickness and hardness, the thicker and harder the panel is, the slower the cutting shall be.
- 7) 调节刀刃位置，可以改善板材爆边现象（上表面出现爆边主刀刃位置应调高；如果是下表面爆边，主刀刃应调低）
Adjust the height of blade position and cutting in angle to minimize broken edge. Blade position higher if edge broken on face side. Blade position lower if edge broken on the back.

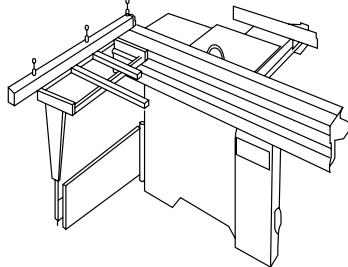
2、推荐工具 Tools Recommend

- 1) 手工裁切 – 钩刀 (适用于耐火板)
Manual cutting - bush hook (suitable for HPL)



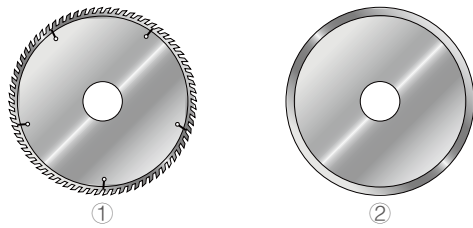
3) 机械裁切 – 推台锯

Mechanical cutting - sliding table saw



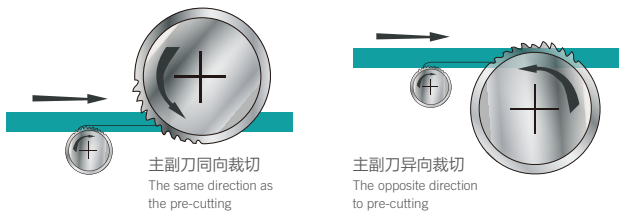
锯片选择：

- ① 齿状锯片适用于裁切耐火板 / 倍耐板 (梯平齿，提供精确切口，减少爆边)
Toothed chip carbide saw blades (suitable for HPL / SPC, flat ladder teeth, with precision cut and low cracking)
- ② 无齿合金锯片适用于裁切保特耐 / 医疗板
Toothless chip carbide saw blades (suitable for Protectnate / Medisurf)



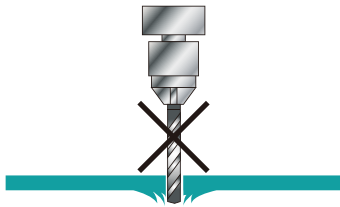
- 8) 双刃裁切 (适用于倍耐板，在主刀刃前放置一片小刀刃使板材下表面先被切开，会使切断面特别平整光滑)

Double-blades cutting (suitable for SPC, a small blade to cut the surface open before the master blade to make the cutting even and smooth)

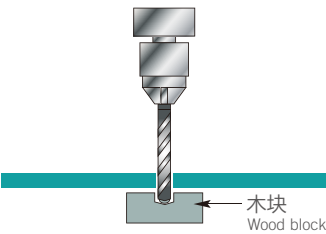


4、钻孔 (倍耐板 / 保特耐 / 医疗板) Drilling (SPC / Protectnate / Medisurf)

- 1) 使用 60°–80° 的专用塑料板材钻头 (倍耐板)、专用水泥板材钻头 (保特耐 / 医疗板)
Use professional drilling tools for SPC / Protectnate / Medisurf with a 60°- 80° angled drilling head.

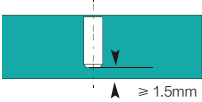


- 2) 为避免出口面的破损，钻头进速和压力应逐渐减少
Decrease the speed and pressure of the drilling head in a progressive manner.
- 3) 在钻孔点下方垫一片夹板或小木块，防止破坏出口
Put a clamp plate or a wood block under the drilling hole to avoid breaking exit end.

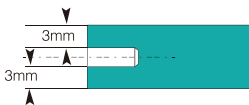


- 4) 对于盲钻 (适用于倍耐板)：
For blind drilling (suitable for SPC):

① 上表面钻孔
Drilling from top surface



② 侧面钻孔
Drilling from side face



③ 孔径应比螺钉直径小 0.5mm
Drilling head with a diameter 0.05mm bigger than the inner diameter of the drilling hole.

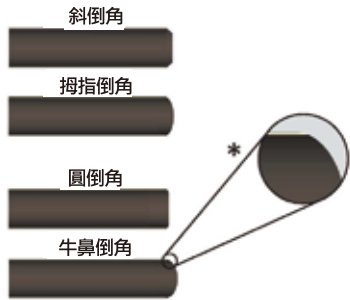
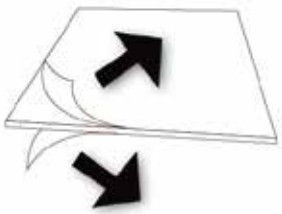
- 5) 为避免因应力集中而引起的开裂，在挖洞时应避免出现锐角，所有内角的转角部分均建议保留最小弯曲半径为 3mm 的圆弧，其余边角应修平滑

No acute angle to avoid panel broken while drilling. Reserve an arc with a radius of at least 3mm for a corner interior angle.

5、修边 Trimming

- 1) 耐火板，修整多余边缘，可使用修边机。最终进行手工精细修边时，可使用扁锉和细木工刮刀
HPL - Redundant edges can be trimmed by a trimmer. Manual trimming can use flat file and scraper.
- 2) 倍耐板 / 保特耐 / 医疗板，切割后边板毛糙处，可人工打磨平整，打磨后可使用打蜡的方式美化板边，隔绝潮气；对于倍耐板还可进行倒角、成型、开槽等操作
SPC / Protectnate / Medisurf - Coarse edges can be manually polished, then the edges can be waxed for beautification and moisture prevention. SPC can be further fabricated for edge bevels, tongue and groove.

- 3) 保护膜留到加工完成再撕除，但需要注意必须同时撕除两面的保护膜
Peel off the protective film simultaneously after fabrication.



CARE AND MAINTENANCE 维护与保养

1、维护须知 Routine Care

- 1) 一般污染用普通湿布即可清洁干净
Ordinary stains are cleaned by damp cloth.
- 2) 轻微污渍可使用温水、中性肥皂来清洁表面
Slight dirt can be removed by warm water and mild soap.
- 3) 顽固的污渍需用高浓度清洁剂清洗，或使用酒精、丙酮等溶剂擦拭处理
Stubborn stains are cleaned with high concentration detergent or wiped with alcohol and acetone.
- 4) 对于特别脏且不平整的耐火板表面，可用尼龙软刷洗刷
Very dirty and uneven laminate surface can be brushed by a nylon banister brush.
- 5) 清洁洗刷完毕后使用柔软的干布擦拭
Use a dry and soft cloth to wipe after cleaning and brushing.
- 6) 请勿使用钢刷或带磨料的抛光剂清洁，会划伤板材表面
Please never use steel brush or brightener with abrasive that may scratch the surface of panel.
- 7) 请勿使用尖锐硬物刻划板材表面
Please avoid using sharp hard objects that may scratch the surface of panel.
- 8) 请勿把过烫的物体直接放在板材表面
Please don't directly put a hot object on the surface of panel.
- 9) 请勿使用含有研磨料或非中性的清洁剂
Please avoid using detergent with abrasive or non neutral detergent.
- 10) 请勿将以下溶剂与板材表面接触：
Please keep the following solvents away from the surface of panel:

- 次氯酸钠 Sodium hypochlorite
 - 过氧化氢 Hydrogen peroxide
 - 矿物酸、盐酸、硫酸或硝酸
Mineral acid, hydrochloric acid, sulphuric acid or nitric acid
 - 2% 以上的碱液 Alkali liquor with above 2% concentration
 - 硫酸氢钠 Sodium hydrogen sulphate
 - 高锰酸钾 Potassium permanganate
- 浆果果汁 Berry juice
 - 1% 或更大浓度的硝酸银 Silver nitrate with 1% concentration or above
 - 龙胆紫 Gentian violet
 - 亚银蛋白 Silver protein
 - 漂白粉 Bleaching powder
 - 织物染料 Fabric dye
 - 1% 碘溶液 1% iodine solution



特别声明，如由于用户使用清洁剂、化学溶剂不当或其他维护方法不当而造成板材不能发挥正常使用功能或造成其他质量问题，本公司不承担任何责任。

It is specially announced that we will not bear any responsibility for quality problems resulting from the customer's improper use of detergent or chemical solvent or other inappropriate maintenance.

2、特殊污渍的清理 Special Stain Removal

特殊污渍 Special stains	清理方法 Removal methods
印泥及标记 Inkpad and stamp	湿布及其他工具 Damp cloth
铅笔 Pencil	水、碎布和橡皮擦 Water, cloth and eraser
毛笔或商标印 Writing brush or trademark printing	使用甲醇酒精或丙酮 Methyl alcohol or acetone
油漆 Paint	丙醇或香蕉水、松香水 Acetone, banana oil or rosin water
强力胶 Super glue	甲苯溶剂 Toluene solvent
白胶 White glue	含 10% 乙醇的温水 Warm water including 10% ethyl alcohol
尿素胶 Urea glue	用稀释的盐酸刷抹，或者用木刀小心刮去 Diluted hydrochloric acid or wooden drawknife

- 注 Note:
- ① 为有效去除干固的胶水痕迹，请咨询胶水制造商
Please contact the glue manufacturer for removing dry glue stains effectively.
- ② 墨印及漂白剂等造成的痕迹基本无法清理
Traces of ink print or bleaching powder can't be cleaned effectively.

威盛亚(上海)有限公司

地址:上海市徐汇区田林路105号虹梅国际广场902室
邮编: 200233 电话: 86-21-64397070
传真: 86-21-64397583, 64397605

威盛亚(上海)有限公司工厂

地址:上海市青浦区崧华路1688号
邮编: 201706 电话: 86-21-67001688
传真: 86-21-39815841

威盛亚(上海)有限公司北京分公司

地址:北京市朝阳区农展馆南路13号瑞辰国际中心3层319室
邮编: 100125 电话: 86-10-65981686
传真: 86-10-65981688

威盛亚(上海)有限公司广州分公司

地址:广州市中山三路33号中华国际中心B座1402室
邮编: 510055 电话: 86-20-37620322
传真: 86-20-37620321

威盛亚(上海)有限公司深圳分公司

地址:深圳市罗湖区笋岗东路3019号百汇大厦北座15A室
邮编: 518000 电话: 86-755-82197959
传真: 86-755-82197750

Wilsonart (Shanghai) Co., Ltd. Overseas Business Division

No. 1688, Songhua Rd., Shanghai, China 201706
Tel: 86-21-67001688 Fax: 86-21-39815260



Wilsonart WeChat
官方微信



Wilsonart Weibo
官方微博

如需了解产品更详细资料或样品, 敬请拨打咨询服务热线
For more information and samples, please call free the hotline

400-820-9418



www.wilsonart.com.cn

© 威盛亚(上海)有限公司, 版权所有, 侵权必究。
© Wilsonart (Shanghai) Co., Ltd. All Rights Reserved. Jun. 2022-HPLBS01C