

透气窗技术手册

Plantation Shutter Technical Manual

华升实业

HUASHENG INDUSTRY



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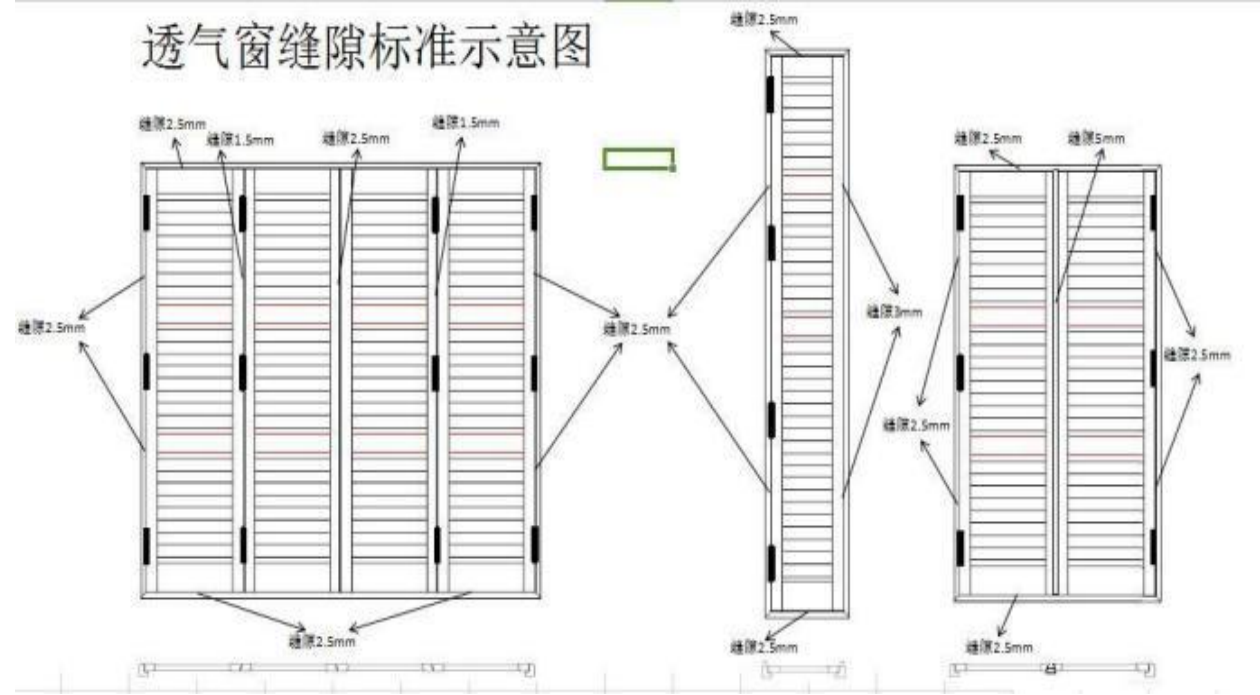
定制通用基础信息 Customized General information

一 提供制作尺寸 Supply made size

1 请向工厂提供外装尺寸或者内装尺寸；外装是正常尺寸，内装需要扣减尺寸。

Please supply outside size or inside size : outside size is normal size, inside size need reduce size.

2 透气窗缝隙示意，标准 2.5mm，Gaps for Plantation Shutters. (Standard 2.5mm)



3 定制透气窗的最大最小高度和宽度规定。

The Max Width/ Height and Min Width / Height regulations for Customized shutter.

质保范围内高度宽度规定 Height and width regulations within the warranty scope			
最大宽度 Max Width	850mm	最小宽度，加收 5%费用 Min Width 5% premium	200mm
最大高度 Max Height	1800mm	最小高度 Min Height	210mm
加中板最大高度 Max Height with midrail	高度超过 1500mm，必须加 1 个中板 At least 1 mid rail is required for more than 1500mm		
	高度超过 2500，必须加 2 个中板 At least 2 mid rail is required for more than 2500mm		
高度超出 3000mm，工厂接受定制，但不质保，需要客户自己承担。 If the height exceeds 3000mm, the factory accepts customization, but does not guarantee the quality, which needs to be borne by the customer			

4 定制透气窗的高度宽度和中板位置的误差规定。

The Width & Height & Mid-rail error regulations for Customized shutter.

①宽度误差 Width error

- 2 扇透气窗宽度误差为 $\pm 1\text{mm}$; The width error of 2 pannel shutter can be $\pm 1\text{mm}$;
 4 扇透气窗宽度误差为 $\pm 2\text{mm}$; The width error of 4 pannel shutter can be $\pm 2\text{mm}$;
 4 扇以上透气窗宽度误差为 $\pm 3\text{mm}$; The width error of pannel (>4) shutter can be $\pm 3\text{mm}$;

②高度误差 Height error

透气窗制作高度是订单高度的 $\pm 1.5\text{mm}$ 。例: 订单高度是 1600mm, 制作高度为 $1600 \pm 1.5\text{mm}$ 。

The heigh error of shutter made size is $\pm 1.5\text{mm}$. Case: order heigh is 1600mm, the made size is $1600 \pm 1.5\text{mm}$.

③中板锁定 Mid-rail location

中板标准尺寸是 76.2mm, 窗扇高度大于 1500mm, 需要加至少 1 个中板。中板位置为“窗扇底部到中板中心”的高度。客户可以指定中板的位置 (1 扇窗只能指定 1 个), 指定位置将根据叶片的尺寸向上/下调整。调整规则如下:

Mid-rail standard size is 76.2mm, when pannel height $> 1500\text{mm}$, at least 1 mid-rail is required. Mid-rail position is “from the bottom of pannel to the center of mid-rail”. Customer just can specify 1 mid-rail positions. Specify position will upward /downward adjustment according to the louver size. The rules are as follows:

63.5mm Blade:	+/- 25.4mm
76mm Blade:	+/- 31.75mm
88.9mm Blade:	+/- 38. 1mm
114mm Blade:	+/- 50.8mm

❌客户必须在备注框中明确指出哪个窗户需要相同的中板/上板/下板高度。

Customer must clearly specify which windows require the same mid rail or top and bottom rail height in the special requirement box.

❌如果客户对于上/下板的宽度有特殊要求, 请在下单或者确认图纸的时候告知。

If customer have the special requirement about the width of Top and Bottom Rail, please tell us when you put the order or confirm the drawing.

❌PVC 材质的透气窗, 上/下板最大宽度是 178mm, 最小宽度是 76mm。

For PVC shutter, the max width for top/bottom rail is 178mm and min width will be 76mm.

透气窗的上下板, 中板的宽度范围 The width range for Top/bottom/Mid rail of shutter			
无中板, 上/下板宽度相同 Without Mid-rail, the top/bottom rail are same width		有中板, 上/下板宽度相同 With Mid-rail, the top/bottom rail are different width	
最小宽度 Mini width	76.2mm	最小宽度 Mini width	76.2mm
最大宽度 Max width	2.5" louver, $76.2\text{mm} + 2" = 127\text{mm}$	最大宽度 Max width	2.5" louver, $76.2\text{mm} + 2.5" = 139.7\text{mm}$
	3.0" louver, $76.2\text{mm} + 2.5" = 139.7\text{mm}$		3.0" louver, $76.2\text{mm} + 3" = 152.4\text{mm}$
	3.5" louver, $76.2\text{mm} + 3" = 152.4\text{mm}$		3.5" louver, $76.2\text{mm} + 3.5" = 177.8\text{mm}$
	4.5" louver, $76.2\text{mm} + 4" = 177.8\text{mm}$		4.5" louver, $76.2\text{mm} + 4.5" = 190.5\text{mm}$

二 修改和取消 Cancellation & Modification

1 由于我们按照订单中的内容制造定制透气窗, 一旦提交订单, 客户将对订单负责。如果需要更改或者取消, 订单未安排生产之前, 都可以, 一旦开始生产, 需要根据生产的程度计算出一定的费用。

As we manufacture customized shutter according to the content of the order, once the order is submitted, the customer will be responsible for the order. If changes or cancellations are needed, they can be made before the

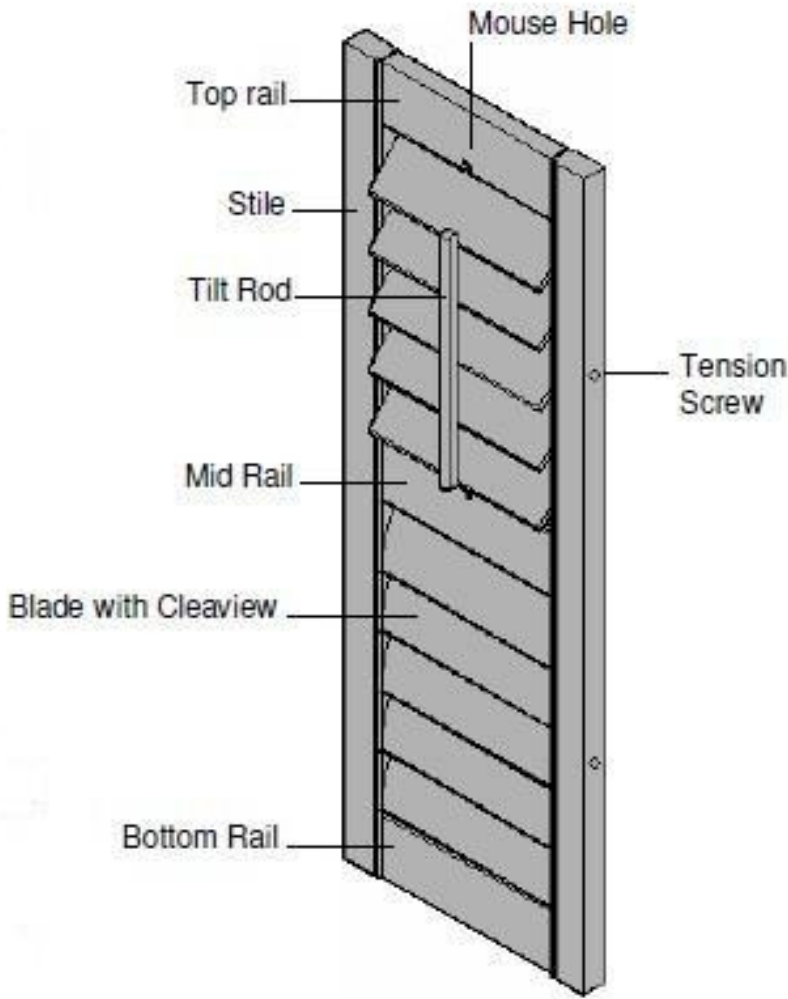
order is scheduled for production. Once production begins, a certain fee needs to be calculated based on the completion status.

2 基准：对于在自然日光下肉眼在 1.2 米距离处可见的缺陷，如标记、点等，视为不合格。因此，如果在这些条件下不可见，则是我们的验收基准。小节点和纹理图案区域是木材饰面的自然艺术，不被视为缺陷。

Benchmark:For imperfections such as marks,dots etc,which are visilbe with the naked eye in natural daylight, at a distance of 1.2 meters,are deemed Unacceptable,hence, this is our benchmark for acceptance if it is not visible within those conditions.Small knots and grain pattern areas are a natural art of timber finishes and are not considered as imperfections.

三 质保和交付 Warranty & Lead Time

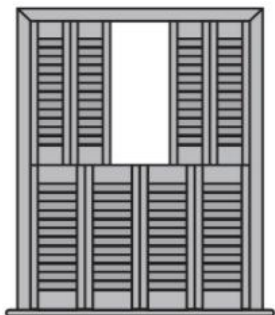
有限责任质保时间 Limited Liability Warranty time		
桐木/椴木透气窗 Paulownia/basswood shutter		2 Years
PVC/材质透气窗 PVC shutter		3 Years
铝合金透气窗		
生产周期 Lead Time		
白色方形透气窗 White square shutter		10 days
额外带小条白色方形透气窗 White square shutter with extra batten		12 days
染色/拉丝/覆盖色异形 Stain / Brushed / standard color shaped		14 days
全封闭/擦色 颜色 Totally closed / Wiping the stain color		20 days
染色异形窗 Stain color shaped shutter		21 days



结构 Structure

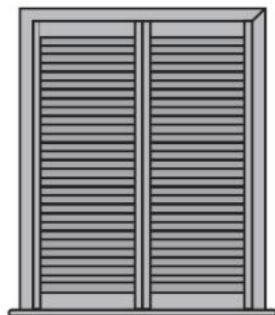
材质 Material							
桐木 Paulownia	椴木 Basswood	PVC PVC		铝合金 Aluminium	空心 Hollow PVC		
✓	✓	✓		✓	✓		
工艺特色 Technological features							
全部木质透气窗使用榫卯工艺 All wooden shutter are Mortise and tenon joint							
风格 Style							
常规窗 Full Height	分层窗 Tier on Tier	咖啡 cafe	滑道窗 Track	海湾窗 Bay window	法式门 Franch door	芯板窗 Solie Panle	异型窗 Shaped
✓	✓	✓	✓	✓	✓	✓	✓
打开配置 Open Configuration							
合页安装 Hinged	固定安装 fixed	U-滑槽固定 U-channel fixed	推拉安装 Sliding	磁铁固定 Magnet fixed	折叠安装 Bi-fold		
✓	✓	✓	✓	✓	✓		
拉杆类型 Tilt Rod Style							
中心拉杆 Center Tilt Rod	拉杆位于叶片中心 Tilt Rod in centre of blades						
偏移拉杆 Off set Tilt Rod	拉杆在靠近合页一侧距离叶片端头 38.1mm(1.5 英寸) 的位置 Tilt Rod off set 38. 1mm from the edge of the blade at the hinge side of the panel						
隐藏拉杆 Clearview rod	隐藏拉杆设置在合页易岑的面板背面 The clearview rod is set on the hinge side of the panel						
内置拉杆 Hidden Tilt Rod	内置拉杆断开，如果叶片数为偶数，中间断开。叶片数为奇数，下比上多 1 片。The clearview tilt rod will split, if equal, it will split in middle, if not equal, the bottom section will one more piece than top section. For the detail, please refer the following :						
拉杆断开参考 Split refer	2.5 英寸叶片，超过 14 个需要断开 2.5"blade, when blade more than 14 pcs,it will need split						
	3 英寸叶片超过 14 个叶片需要断开 3.0"blade, when blade more than 14 pcs,it will need split						
	3.5 英寸叶片超过 13 个需要断开 3.5"blade, when blade more than 13 pcs,it will need split						
	4.5 英寸叶片超过 12 个需要断开 4.5"blade, when blade more than 12 pcs,it will need split						

风格 Style



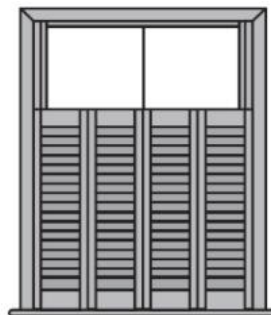
分层窗

Tier on Tier



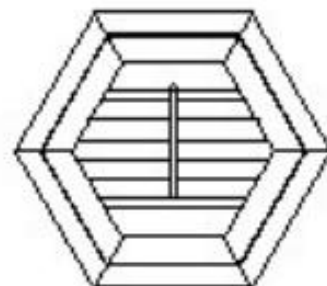
常规窗

Full Hight



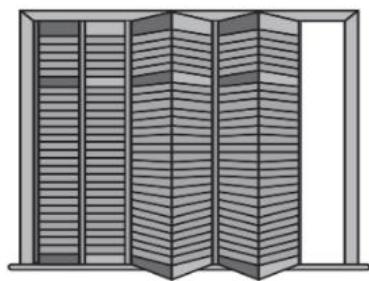
咖啡窗

Cafe



异形窗

Shaped



滑道窗

Track



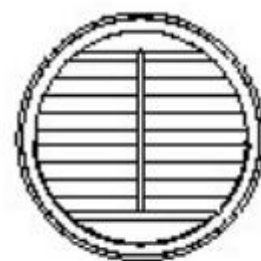
辐射叶片

Radiation blade



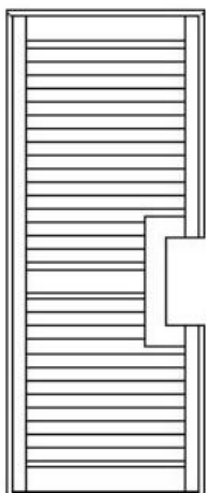
海湾窗

Bay window



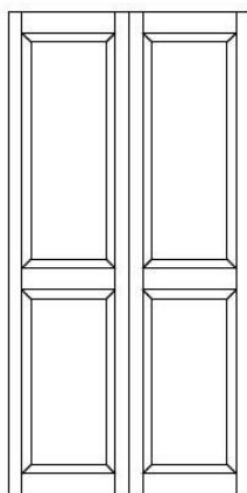
圆形磁铁固定窗

Magnet fixation



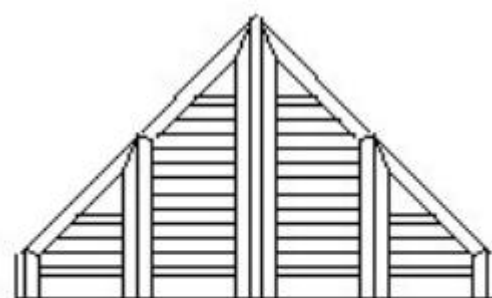
法式门

Franch door



芯板窗

Solid Panel



三角形

Triangle

不同材料透气窗的规格对比表				
Specification Comparison Sheet in Different Shutter Materials				
常规信息 General Information	材质 Shutter Material			
材质 Material	桐木 Paulownia wood	椴木 Basswood	PVC PVC	铝 Aluminium
可用范围 Application	室内，非潮湿区域 Indoor, non-wet areas	室内，非潮湿区域 Indoor, non-wet areas	室内，潮湿区域 Indoor, wet areas	室内，室外，潮湿地区 Indoor and Outdoor, wet areas
颜色选项 Colour Options				
覆盖色 Painted Color	8 个常规色 8 regular colors	8 个常规色 8 regular colors	8 个常规色 8 regular colors	5 个常规色 5 regular colors
染色 Stain Color	11 个常规色 11 regular colors	N/A	N/A	N/A
拉丝色系 Brushed Effect Color	4 个常规色 4 regular colors	N/A	N/A	N/A
定制覆盖色 Custom Paint Color	支持 Available	支持 Available	支持 Available	支持 Available
叶片规格 Louver Options(mm)	63/76/89/114	63/76/89/114	63/76/89/114	89
竖柱规格 Stile Options	珠状/平面 Beaded / Flat	珠状/平面 Beaded / Flat	珠状/平面 Beaded / Flat	只有珠状 Beaded only
拉杆规格 Tilt Rod Option				
隐藏拉杆 Clearview Tilt Rod	支持 Available	支持 Available	支持 Available	支持 Available
中心拉杆 Center Tilt Rod	支持 Available	支持 Available	支持 Available	N/A
偏移拉杆 Off set tilt rod	支持 Available	支持 Available	支持 Available	N/A
内置拉杆 Concealed Tilt Rod	支持 Available	支持 Available	支持 Available	N/A
拉杆断开规定数量 Split Control(MAX.Louver QTY)				
隐藏拉杆 Clearview Tilt Rod	63.5mm-14pcs 76.2mm-14pcs 88.9mm-12pcs 114.3mm-10pcs	63.5mm-14pcs 76.2mm-14pcs 88.9mm-12pcs 114.3mm-10pcs	63.5mm-14pcs 76.2mm-14pcs 88.9mm-12pcs 114.3mm-10pcs	88.9mm-12pcs
中心拉杆 Center Tilt Rod	63.5mm-23pcs 76.2mm-23pcs	63.5mm-23pcs 76.2mm-23pcs	63.5mm-23pcs 76.2mm-23pcs	88.9mm-20pcs

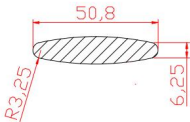
	88.9mm-20pcs 114.3mm-17pcs	88.9mm-20pcs 114.3mm-17pcs	88.9mm-20pcs 114.3mm-17pcs	
内置拉杆 Concealed Tilt Rod	63.5mm-14pcs 76.2mm-14pcs 88.9mm-12pcs 114.3mm-10pcs	63.5mm-14pcs 76.2mm-14pcs 88.9mm-12pcs 114.3mm-10pcs	63.5mm-14pcs 76.2mm-14pcs 88.9mm-12pcs 114.3mm-10pcs	88.9mm-12pcs
电机 Motors	支持 Available	支持 Available	支持 Available	支持 Available (120 degree)
窗扇最大宽度 Panel Max.Width(mm)				
合页窗扇 Hinged Panel	850	900	850	1000
合页折叠窗扇 Double Hinged Panels on one open direction	总计 950 Total 950	总计 950 Total 950	总计 950 Total 950	总计 950 Total 950
固定窗扇 Fixed Panel	850	900	900	1200
滑道折叠窗扇 Bifold Panel	650	650	650	650
滑道窗扇 Sliding Panel	850	900	900	1200
带中柱的滑道窗 Sliding Panel with center stile	1000	1000	Double-Sliding 1700	N/A
窗扇最小宽度 Panel Min.Width(mm)				
合页窗扇 Hinged Panel	190	190	190	190
合页折叠窗扇 Double Hinged Panels on one open direction	190	190	190	190
固定窗扇 Fixed Panel	190	190	190	190
滑道折叠窗扇 Bifold Panel	190	190	190	190
滑道窗扇 Sliding Panel	190	190	190	190
窗扇最大高度 Panel Max.Height(mm)				
合页窗扇 Hinged Panel	3000	3000	3000	3000
合页折叠窗扇 Double Hinged Panels on	3000	3000	3000	3000

one open direction				
固定窗扇 Fixed Panel	3000	3000	3000	3000
滑道折叠窗扇 Bifold Panel	3000	3000	3000	3000
滑道窗扇 Sliding Panel	3000	3000	3000	3000
加 1 个中板 One Mid Rail Required	1500-2499	1500-2499	1500-2499	1500-2499
加 2 个中板 Two Mid Rail Required	2500-3000	2500-3000	2500-3000	2500-3000
窗扇最小高度 Panel Min.Height(mm)				
合页窗扇 Hinged Panel	254	254	254	254
合页折叠窗扇 Double Hinged Panels on one open direction	254	254	254	254
固定窗扇 Fixed Panel	254	254	254	254
滑道折叠窗扇 Bifold Panel	254	254	254	254
滑道窗扇 Sliding Panel	254	254	254	254
上下板最大宽度 Top and Bottom Rail Max.Width(mm)	178	178	150	127
上下板最小宽度 Top and Bottom Rail Min.Width(mm)	76.2	76.2	76.2	76.2
中板宽度 Mid Rail Width(mm)	76.2 (63.5, 89, 114 louver)	80.2 (63.5, 89, 114 louver)	79.25	80.2
	63.5 (76 louver)	67.5 (76 louver)		
Mid Rail Position critical	Available	Available	N/A	N/A
其他项目 Other Option				
隐藏合页 Hidden Hinge	Z40,Z50,L50,L70 available, 38mm stile not available		N/A	N/A
芯板 Solid Panel	支持 Available	支持 Available	N/A	N/A
拉环 Ring Pull	支持 Available	支持 Available	N/A	N/A

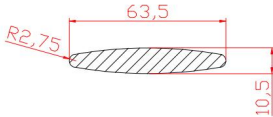
锁 Lock	N/A	N/A	N/A	Available
天窗锁 Skylight Lock	支持 Available	支持 Available	支持 Available	N/A
插销 Flush Bolt	支持 Available	支持 Available	N/A	支持 Available
蜂巢帘 Blackout Blinds	支持 Available	支持 Available	木边框支持 Wood Frames available	N/A
水平 Tpost Horizontal T post	支持 Available	支持 Available	支持 Available	N/A
双层床窗 Tier On Tier Panels	支持 Available	支持 Available	支持 Available	N/A
异型窗 Shaped Shutter				N/A

木质成品组件导航 Wooden Component Guide

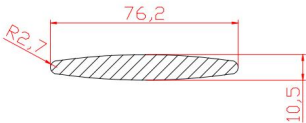
● 木质叶片 Wooden Louver



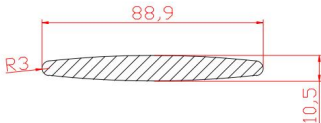
Part NO. :	
Name:	50.8 Blade
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06



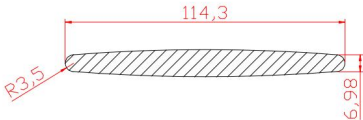
Part NO. :	
Name:	63.5 Blade
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06



Part NO. :	
Name:	76.2 Blade
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

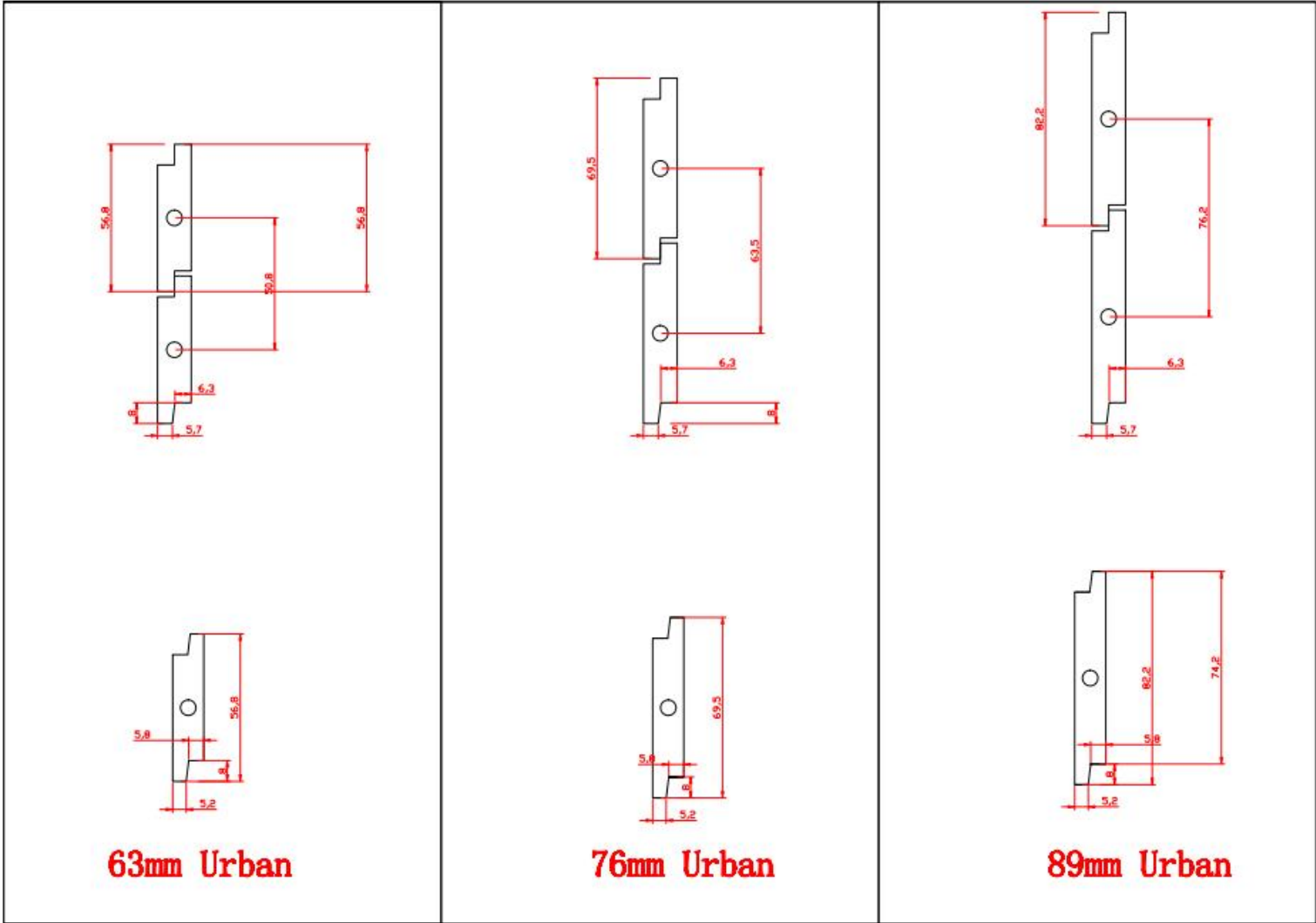


Part NO. :	
Name:	88.9 Blade
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

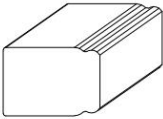
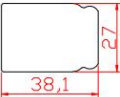
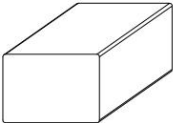

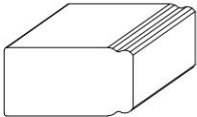

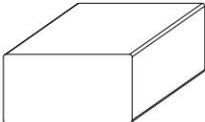

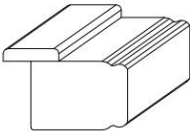
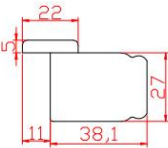
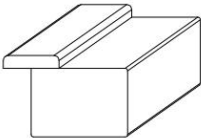
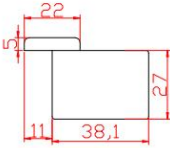
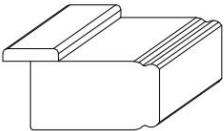
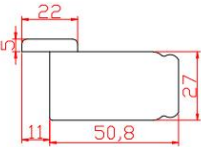
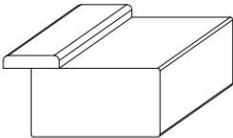
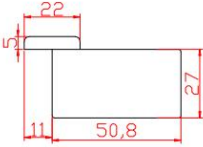


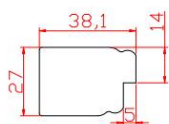
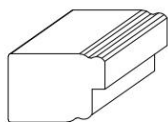
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Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

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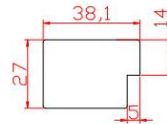
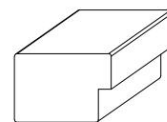


● 木质竖柱 Wooden Stile

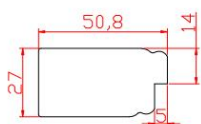
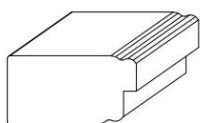
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Part NO.:																	
Name:	38.1-Stile-B																
Material:	Paulownia																
Tolerances:	+/-0.3mm																
Part NO.:																	
Name:	38.1-Stile-F																
Material:	Paulownia																
Tolerances:	+/-0.3mm																
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>50.8-Stile-B</td></tr><tr><td>Material:</td><td>Paulownia</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	50.8-Stile-B	Material:	Paulownia	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>50.8-Stile-F</td></tr><tr><td>Material:</td><td>Paulownia</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	50.8-Stile-F	Material:	Paulownia	Tolerances:	+/-0.3mm
Part NO.:																	
Name:	50.8-Stile-B																
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Tolerances:	+/-0.3mm																
Part NO.:																	
Name:	50.8-Stile-F																
Material:	Paulownia																
Tolerances:	+/-0.3mm																
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>38.1-Stile-DB</td></tr><tr><td>Material:</td><td>Paulownia</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	38.1-Stile-DB	Material:	Paulownia	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>38.1-Stile-DF</td></tr><tr><td>Material:</td><td>Paulownia</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	38.1-Stile-DF	Material:	Paulownia	Tolerances:	+/-0.3mm
Part NO.:																	
Name:	38.1-Stile-DB																
Material:	Paulownia																
Tolerances:	+/-0.3mm																
Part NO.:																	
Name:	38.1-Stile-DF																
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Tolerances:	+/-0.3mm																
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>50.8-Stile-DB</td></tr><tr><td>Material:</td><td>Paulownia</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	50.8-Stile-DB	Material:	Paulownia	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>50.8-Stile-DF</td></tr><tr><td>Material:</td><td>Paulownia</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	50.8-Stile-DF	Material:	Paulownia	Tolerances:	+/-0.3mm
Part NO.:																	
Name:	50.8-Stile-DB																
Material:	Paulownia																
Tolerances:	+/-0.3mm																
Part NO.:																	
Name:	50.8-Stile-DF																
Material:	Paulownia																
Tolerances:	+/-0.3mm																



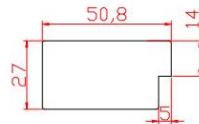
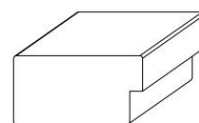
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	



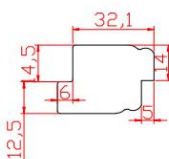
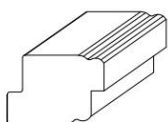
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Tolerances:	+/-0.3mm
Revision No.:	



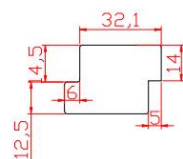
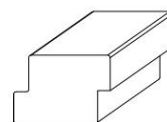
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Revision No.:	



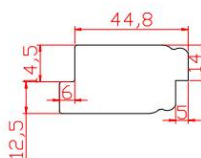
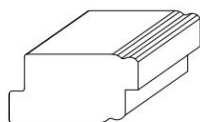
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Tolerances:	+/-0.3mm
Revision No.:	



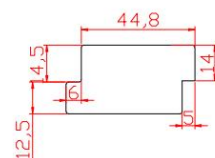
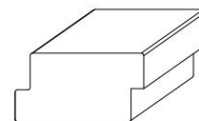
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	
Date:	2021/12/06



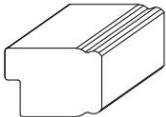
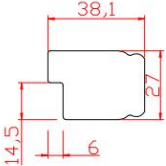
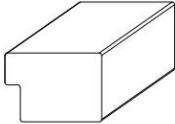
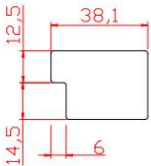
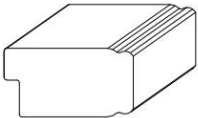
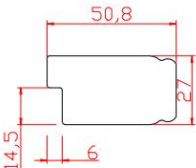
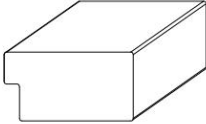
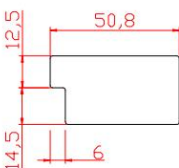
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	
Date:	2021/12/06



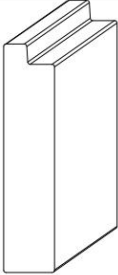

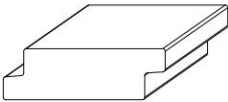
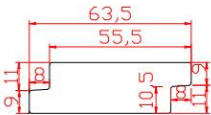
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	
Date:	2021/12/06



Part NO.:	
Name:	50.8-Stile-RF-CV
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	
Date:	2021/12/06

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Part NO. :																									
Name:	38.1-Stile-RB																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No. :																									
Date:	2021/12/06																								
Part NO. :																									
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Tolerances:	+/-0.3mm																								
Revision No. :																									
Date:	2021/12/06																								
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Part NO. :																									
Name:	50.8-Stile-RB																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No. :																									
Date:	2021/12/06																								
Part NO. :																									
Name:	50.8-Stile-RF																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No. :																									
Date:	2021/12/06																								

● 木质上下板 Wooden Rail

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Part NO. :																									
Name:	HS-SXB 75/85/100/115/130/145/160/200																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No. :																									
Date:	2021/12/06																								
Part NO. :																									
Name:	63.5-ZB																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No. :																									
Date:	2021/12/06																								

Part NO. :	
Name:	76.2-ZB
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

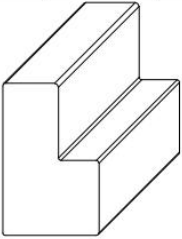
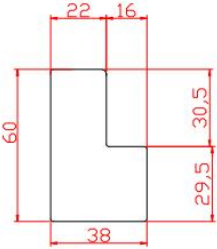
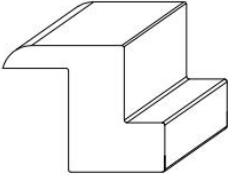
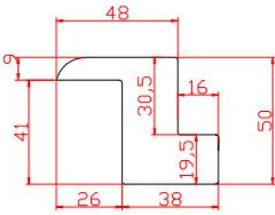
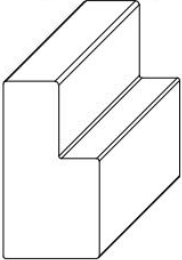
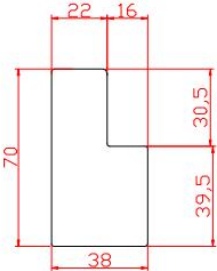
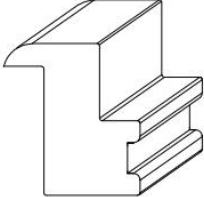
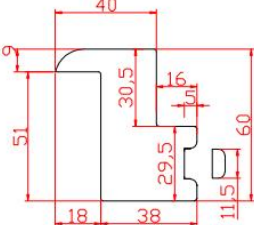
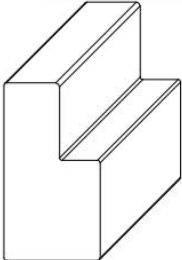
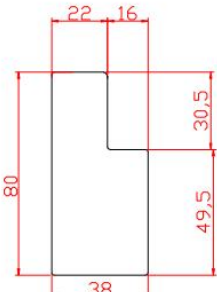
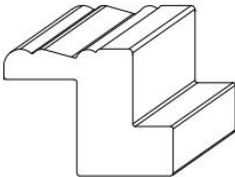
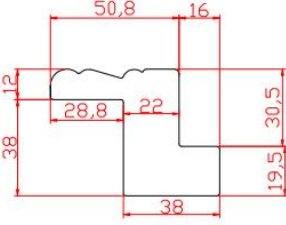
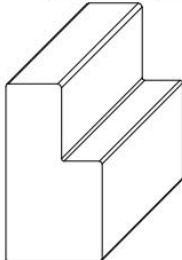
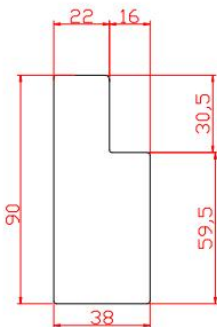
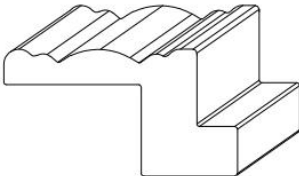
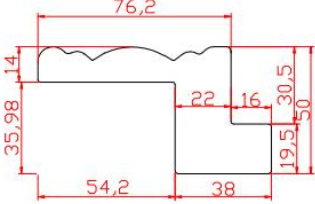
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

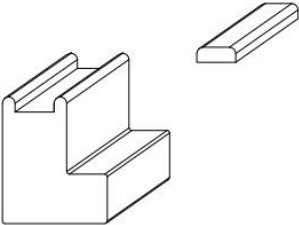
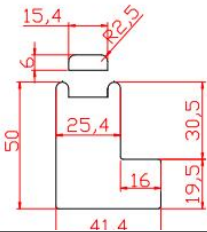
Part NO. :	
Name:	Facisa for inside mount bifold 65/75/80/100/115/120/150/160/200
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

● 木质边框 Wooden Frame

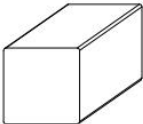
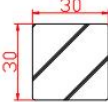
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Name:	L50
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

Part NO. :	
Name:	Z40
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/12/06

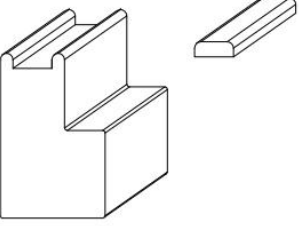
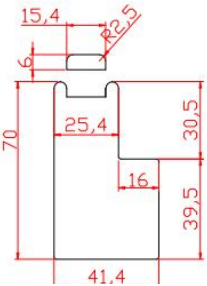
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Part NO.:																									
Name:	L60																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
Part NO.:																									
Name:	Z50																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
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Part NO.:																									
Name:	L70																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
Part NO.:																									
Name:	Z40SP																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
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Part NO.:																									
Name:	L80																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
Part NO.:																									
Name:	Z2-BS																								
Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
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Part NO.:																									
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Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
Date:	2021/12/06																								
Part NO.:																									
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Material:	Paulownia																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
Date:	2021/12/06																								

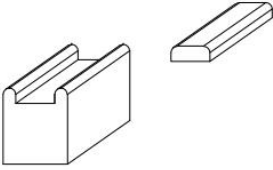
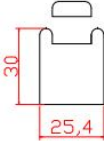
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	

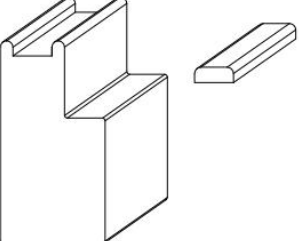
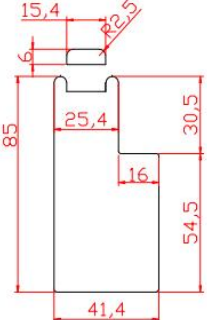
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	

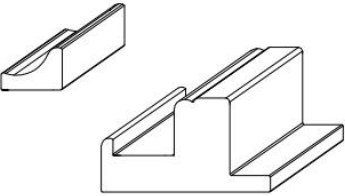
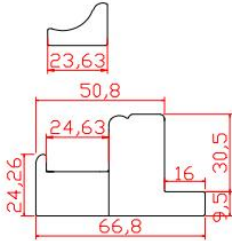
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Revision No.:	

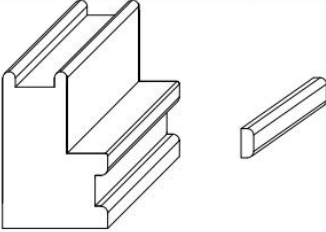
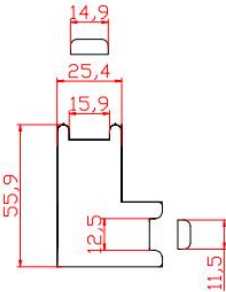
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	

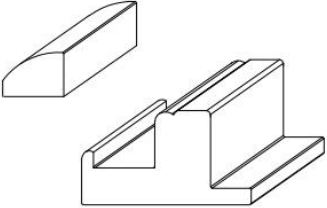
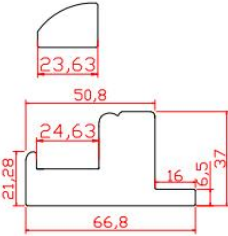
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	

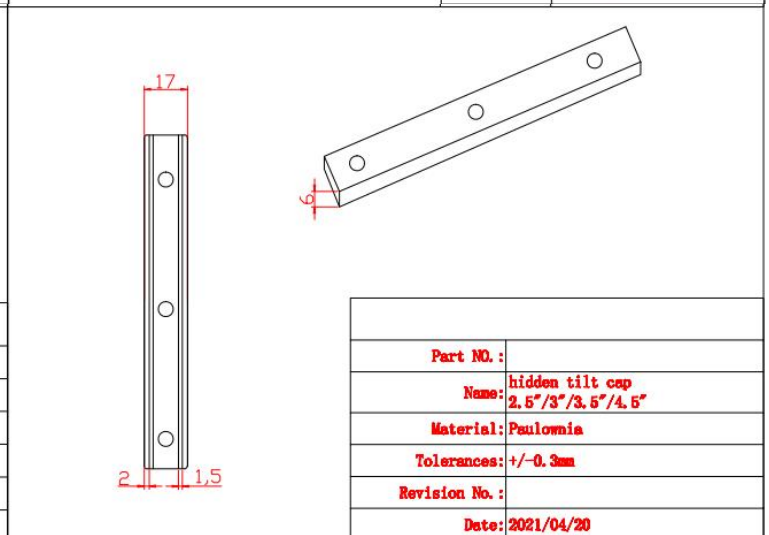
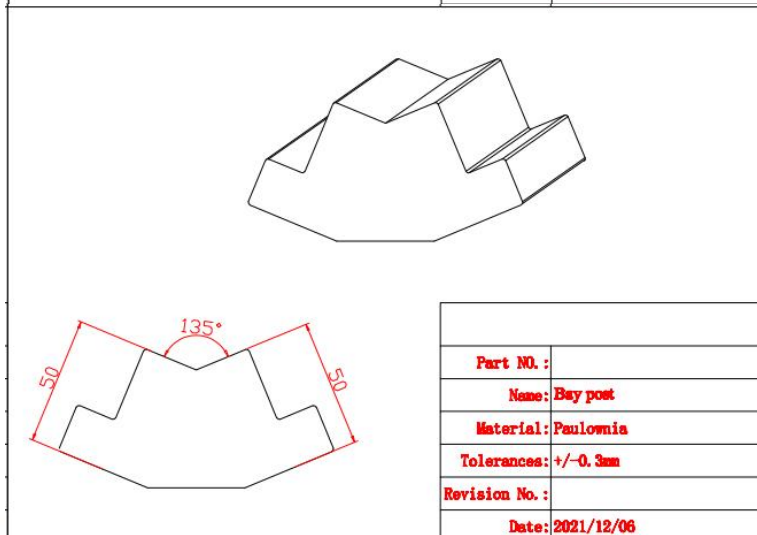
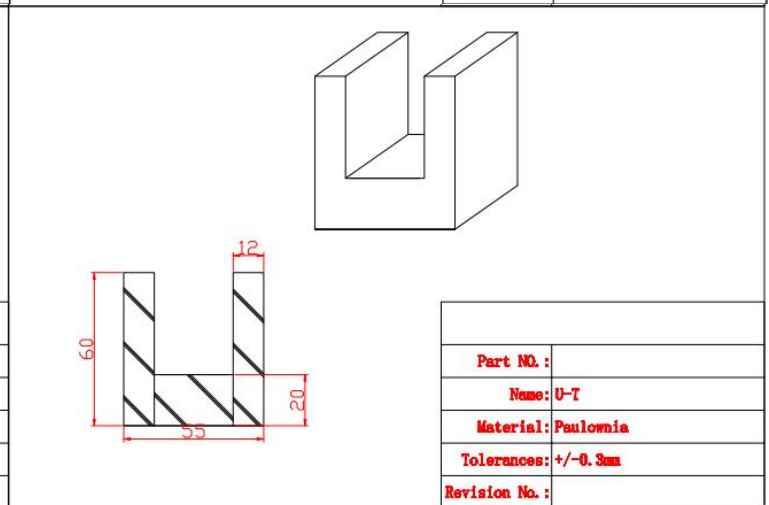
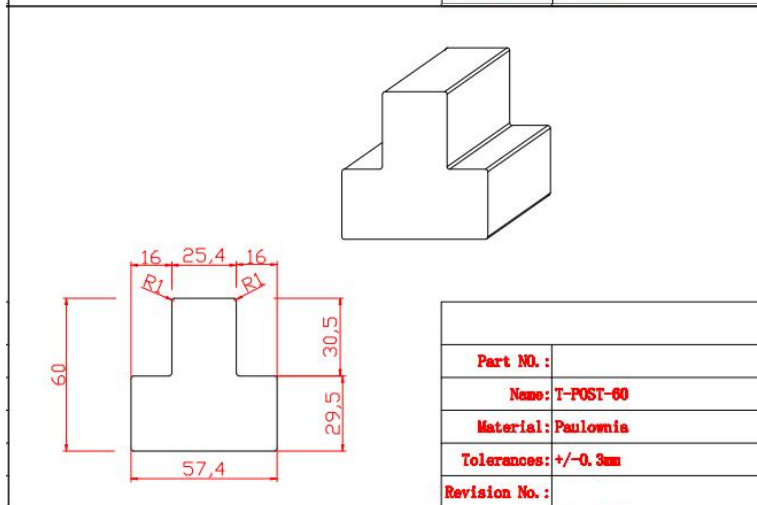
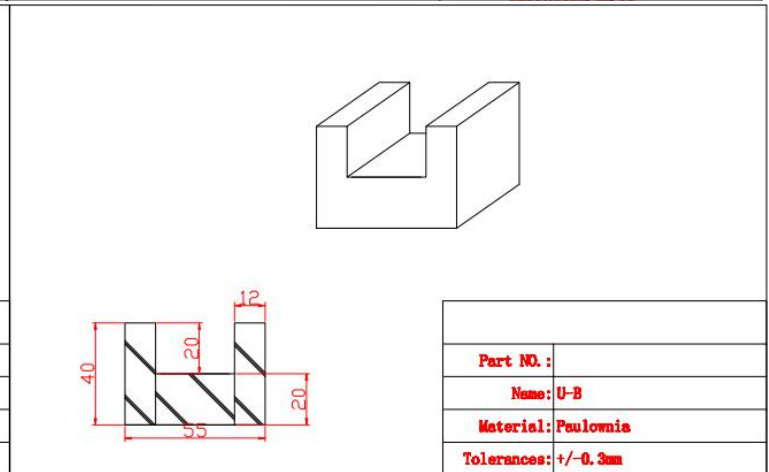
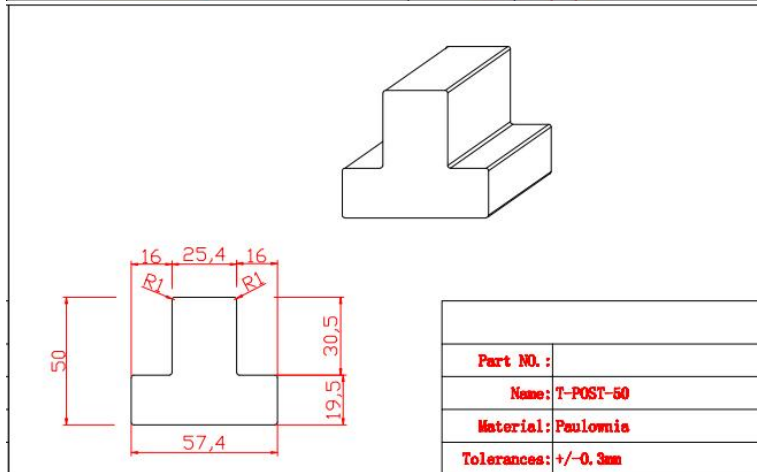
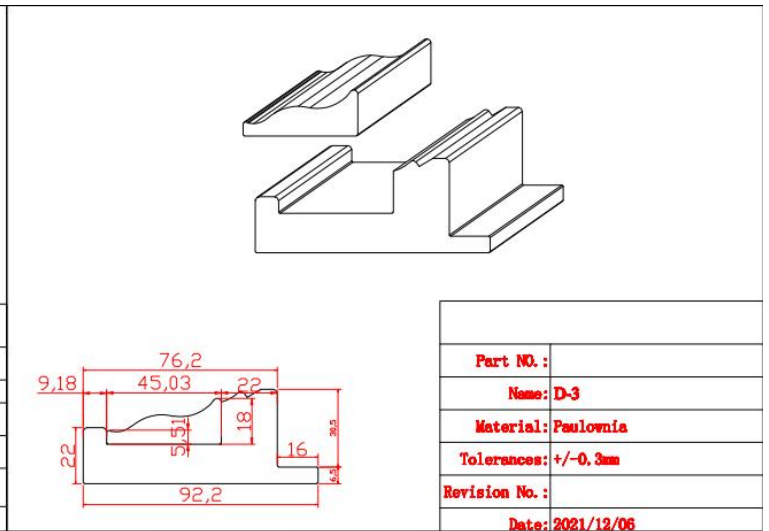
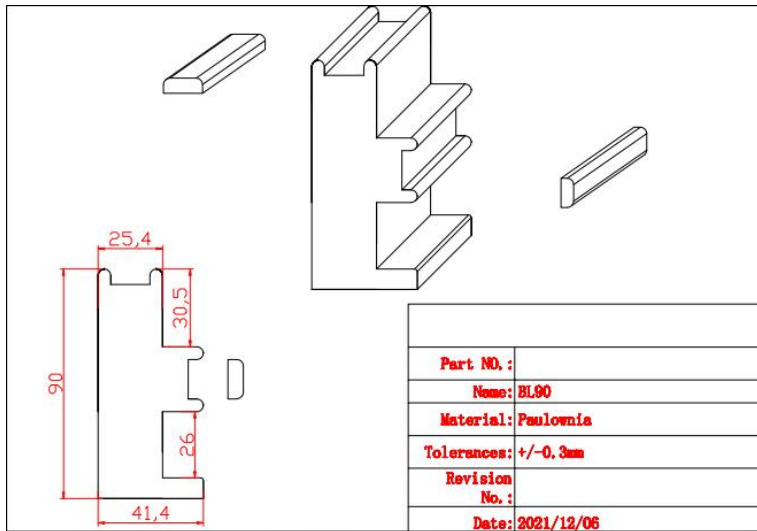
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Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	

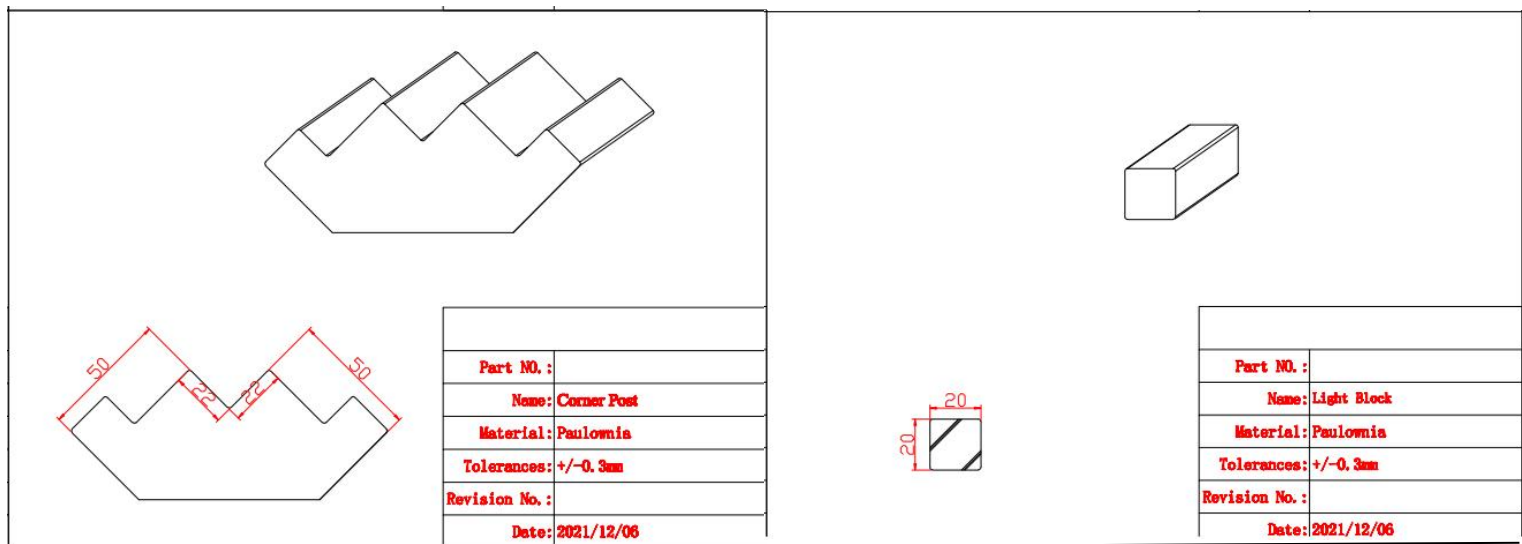



Part NO.:	
Name:	L50MF
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	
Date:	2021/12/06

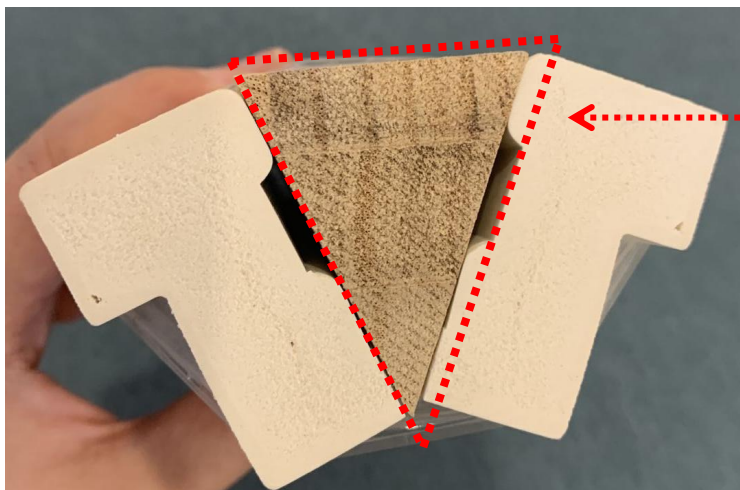
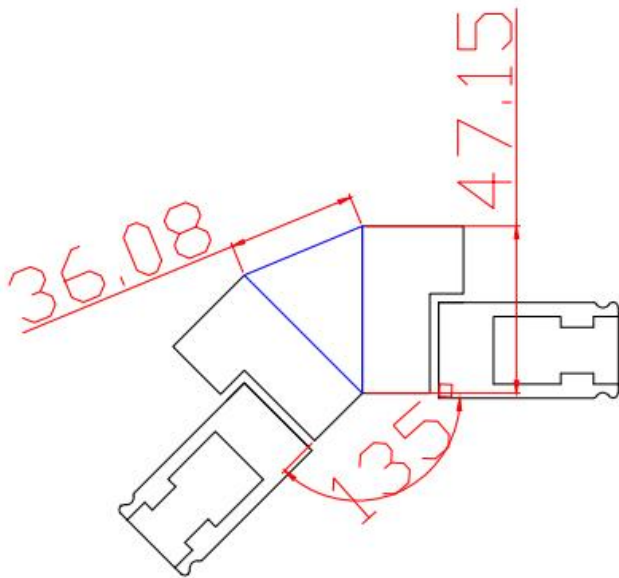
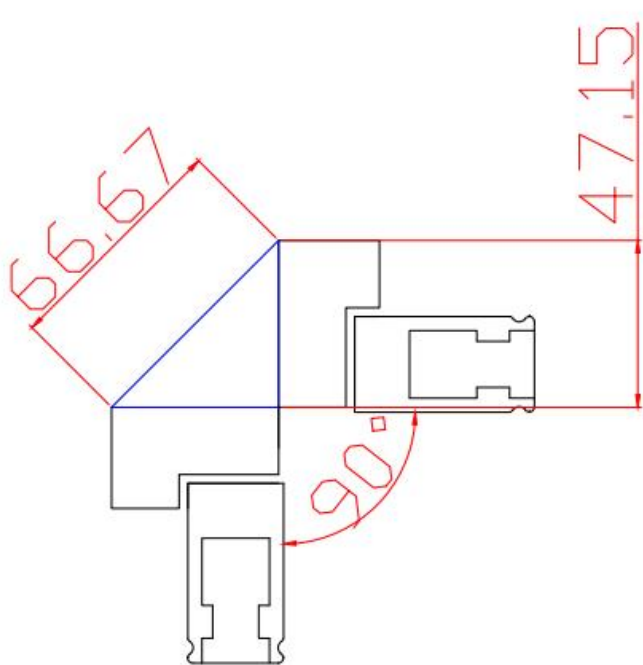



Part NO.:	
Name:	D-2
Material:	Paulownia
Tolerances:	+/-0.3mm
Revision No.:	
Date:	2021/12/06





定制转角 Post Customized corner Post

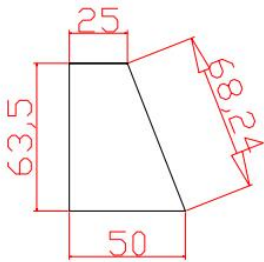


- 请注意一个细节：
A very noteworthy aspect:

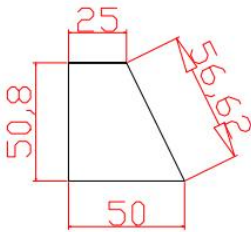
客户可以定制任意角度的转角 Post

Customers can customize corners at any angle

更新代表性木质型材 Updated Wooden Component



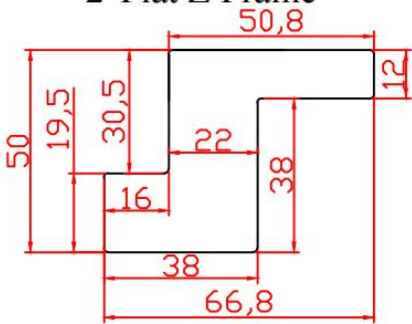
25/50*63.5



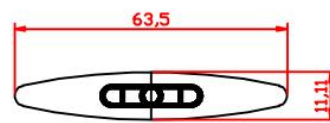
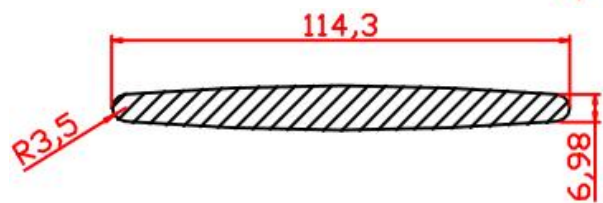
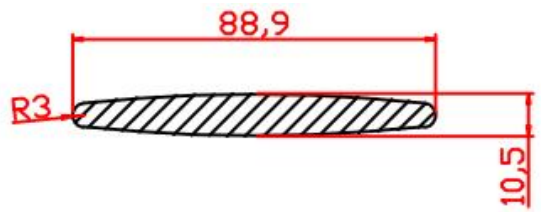
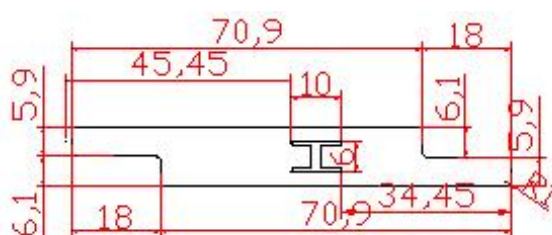
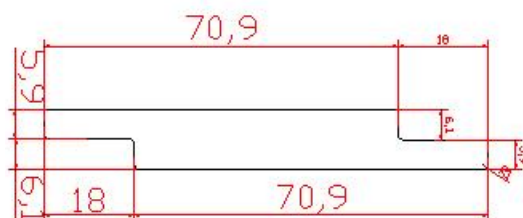
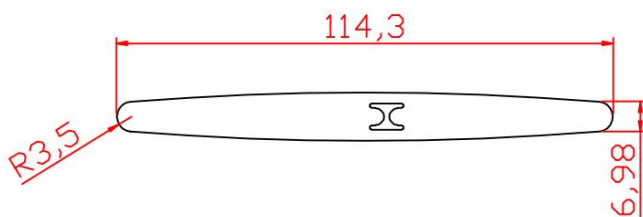
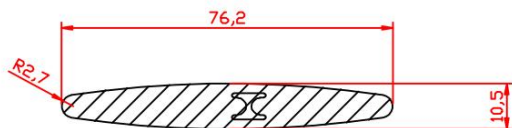
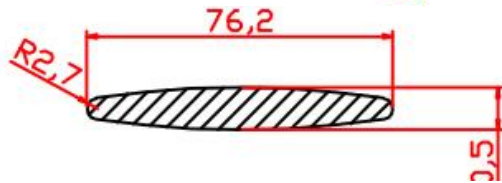
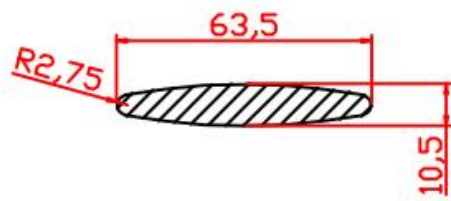
25/50*50.8

ZF

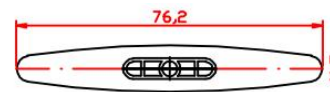
2"Flat Z Frame



● PVC 叶片 PVC Louver



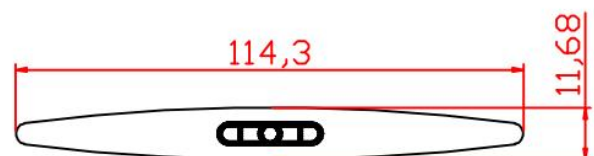
PVC 2.5"Elliptical Blade



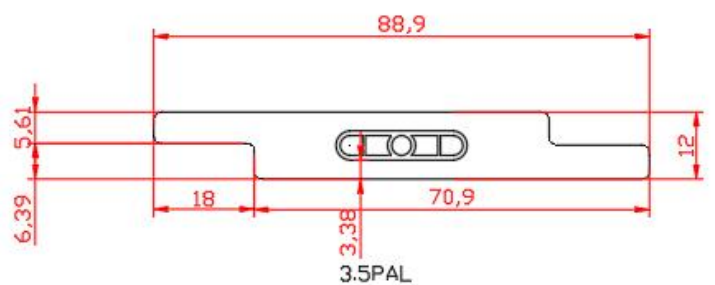
PVC 3"Elliptical Blade



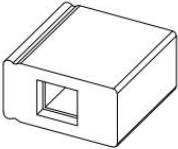

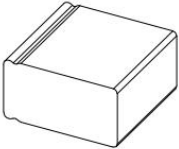
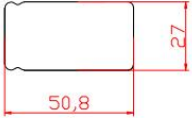
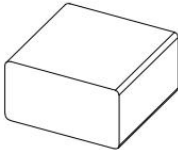
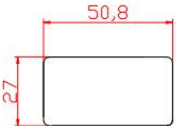
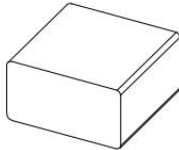
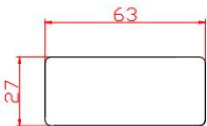
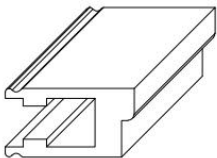
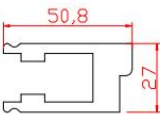
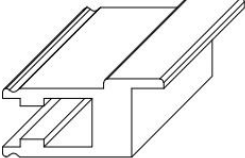
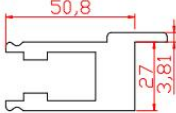
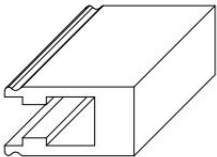
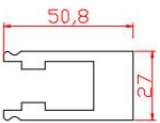
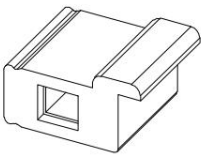
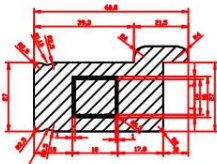
PVC 3.5"Elliptical Blade



PVC 4.5"Elliptical Blade



● PVC 竖柱 PVC Stile

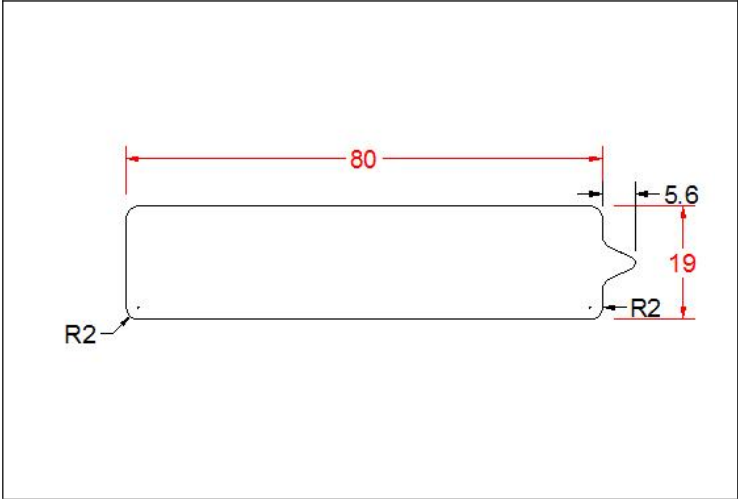
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Material:	PVC																				
Tolerances:	+/-0.3mm																				
Revision No.:																					
Part NO.:																					
Name:	Butte Stile																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				
Revision No.:																					
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Flat Butt Stile</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr></table>	Part NO.:		Name:	Flat Butt Stile	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:		  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>63-Flat Butt Stile</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr></table>	Part NO.:		Name:	63-Flat Butt Stile	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:	
Part NO.:																					
Name:	Flat Butt Stile																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				
Revision No.:																					
Part NO.:																					
Name:	63-Flat Butt Stile																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				
Revision No.:																					
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Stile-RB</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Stile-RB	Material:	PVC	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Stile-DB</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Stile-DB	Material:	PVC	Tolerances:	+/-0.3mm				
Part NO.:																					
Name:	Stile-RB																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				
Part NO.:																					
Name:	Stile-DB																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Stile-B</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Stile-B	Material:	PVC	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Astragal stile reinforced</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Astragal stile reinforced	Material:	PVC	Tolerances:	+/-0.3mm				
Part NO.:																					
Name:	Stile-B																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				
Part NO.:																					
Name:	Astragal stile reinforced																				
Material:	PVC																				
Tolerances:	+/-0.3mm																				

● PVC 板 PVC Rail

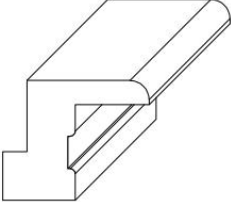
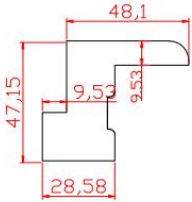
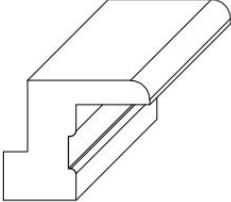
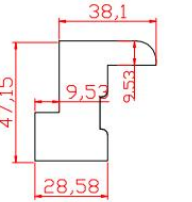
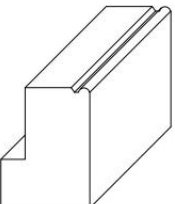
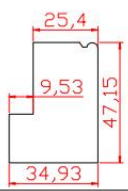
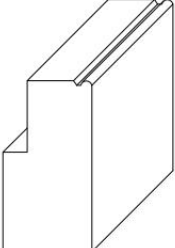
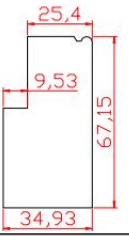
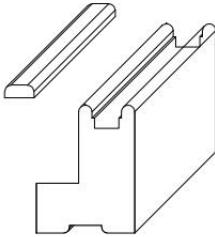
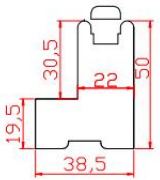
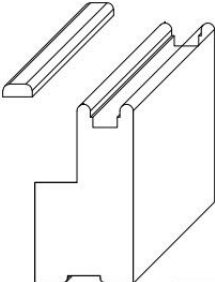
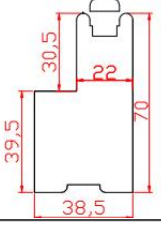
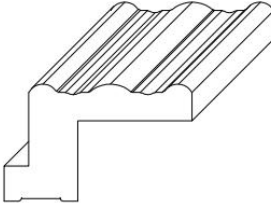
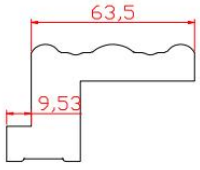
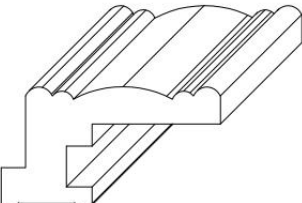
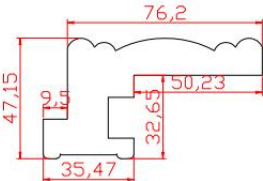
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Material:	PVC
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/04/20

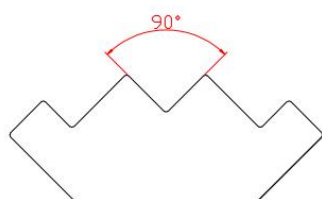
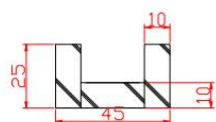
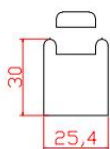
Part NO. :	
Name:	top & bottom rail 100/116/150
Material:	PVC
Tolerances:	+/-0.3mm
Revision No. :	
Date:	2021/04/20

* 双面上下板 Double sided upper and lower boards

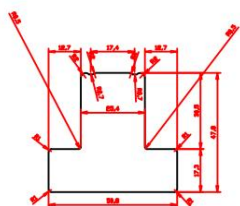


● PVC 边框 PVC Frame

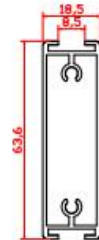
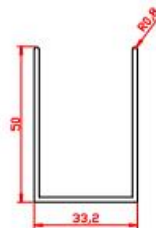
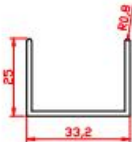
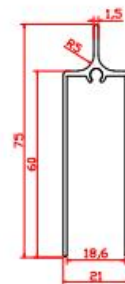
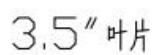
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Z50</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Z50	Material:	PVC	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Z40</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Z40	Material:	PVC	Tolerances:	+/-0.3mm								
Part NO.:																									
Name:	Z50																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
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Name:	Z40																								
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Tolerances:	+/-0.3mm																								
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>L50</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr></table>	Part NO.:		Name:	L50	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:		  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>L70</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr></table>	Part NO.:		Name:	L70	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:					
Part NO.:																									
Name:	L50																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
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Name:	L70																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>F50</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr><tr><td>Date:</td><td>2021/04/20</td></tr></table>	Part NO.:		Name:	F50	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:		Date:	2021/04/20	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>F70</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr><tr><td>Date:</td><td>2021/04/20</td></tr></table>	Part NO.:		Name:	F70	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:		Date:	2021/04/20
Part NO.:																									
Name:	F50																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
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Name:	F70																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
Revision No.:																									
Date:	2021/04/20																								
  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Z2-BS</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr></table>	Part NO.:		Name:	Z2-BS	Material:	PVC	Tolerances:	+/-0.3mm	  <table><tr><td>Part NO.:</td><td></td></tr><tr><td>Name:</td><td>Z3-CS</td></tr><tr><td>Material:</td><td>PVC</td></tr><tr><td>Tolerances:</td><td>+/-0.3mm</td></tr><tr><td>Revision No.:</td><td></td></tr></table>	Part NO.:		Name:	Z3-CS	Material:	PVC	Tolerances:	+/-0.3mm	Revision No.:							
Part NO.:																									
Name:	Z2-BS																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
Part NO.:																									
Name:	Z3-CS																								
Material:	PVC																								
Tolerances:	+/-0.3mm																								
Revision No.:																									





A diagram of a polygon with an interior angle labeled 135° .



- 铝合金组件 Aluminum components


$$g=R=1$$
 $s=R=1$ 

颜色 Color

覆盖色 Painted	染色 Stained	拉丝 Brushed
<div>CB05 浅杏仁色</div>		

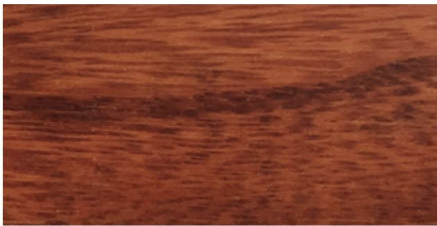
● 覆盖色 Painted color

<div>CB01 经典肌白色</div>	<div>CB05 浅杏仁色</div>	<div>CB07 乳脂原白色</div>	<div>CB08 象牙白色</div>
<div>CB10 丁子茶色</div>	<div>CB11 薄沙棕色</div>	<div>CB12 深海青色</div>	<div>CB13 浅海青色</div>
<div>CB14 松岩灰色</div>	<div>CB15 石竹色</div>	<div>CB16 翡青色</div>	<div>CB17 鸠羽色</div>
<div>CB18 浅绛色</div>	<div>CB19 赭褐色</div>	<div>CB20 黑可可色</div>	<div>CB21 栗壳色</div>
<div>CB22 紫罗兰色</div>	<div>CB23 珊瑚粉色</div>	<div>CB24 蜜柑色</div>	

● 染色 Stained color



CBS24 檀木火焰纹



CBS25 红檀火焰纹



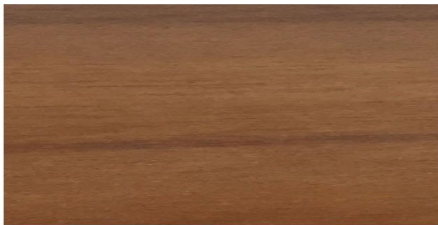
CBS26 黑檀火焰纹



CBS27 白桦木



CBS25 红枫木



CBS26 泡桐木



CBS30 樱桃木



CBS31 柚木



CBS32 云杉木

● 拉丝 Brushed color



LS004 巴西龙凤檀



LS005 白樟木



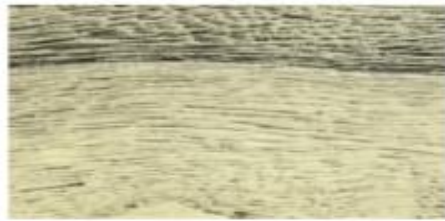
LS006 沙贝利



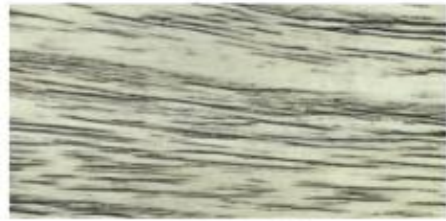
LS007 黄檀木



LS008 绿檀木



LS009 白枫木



CBS32 银樟木



CBS33 水曲柳木



CBS34 水波纹檀木

开放漆工艺 Open finished painted

开放漆系列的透气窗，在桐木原材料表面直接进行油漆工艺，没有涂泥层。可以轻微看到天然木材的纹理。
Open finished painted shutter,is mean direct spraying paint,no seal coat,you can see a little wood grain.

特点 Features

- 更加自然 More natural.
- 可以触摸到木材纹理 Wood grain can be see and touch.



开放漆原料 Open finished painted raw material

夹心竖柱 Engineered stile

B 级叶片 B blades material



色卡样 Color sample

● 款式 1—橄榄形色卡 Style 1 —elliptical



● 款式 2—百叶片色卡 Style 2 —Slats



样品箱款式 Sample box style

款式 1—皮质箱
Style 1 —Leather box



款式 2—尼龙包
Style 2 —Nylon bag



款式 3—PV 箱
Style 3 —PV box



样品箱内部 Sample box details

款式 1—皮质箱
Style 1—Leather box



款式 2—尼龙包
Style 2—Nylon bag



款式 3—PV 箱
Style 3—PV box






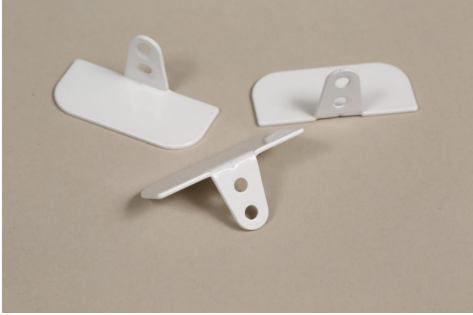



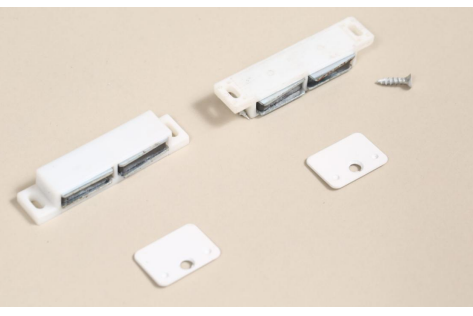



五金 Hardware

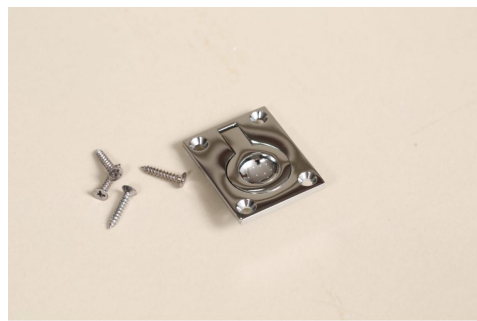
		
3 英寸蝶形合页 3" Butterfly Hinges	3 英寸合页 3" Hinges	圆孔 225 合页 White Round Hole 255
		
3 英寸折弯合页 3" Bifold Hinges	4 英寸弯合页 4" Bifold Hinges	天窗合页 Skylight Hinge
		
内装单端头合页 White Pivot Hinge inside	外装单端头合页 White Pivot Hinge outside	L 型合页 L shaped Hinges
		
偏心小合页 Slim hinge	十字隐藏合页 X- Hidden Hinge	桶型合页 Cylindrical-Hidden Hinge

		
长 PIN Long PIN	插销 PIN Tension PIN	平底弹簧 PIN Spring load PIN
		
圆底弹簧 PIN Spring load PIN	两段 PIN Two part PIN	插销 PIN Tension PIN
		
正常 PIN Standard PIN	内置拉杆 PIN PIN for Hidden Tilt Rod	PVC 用内置拉杆 PIN PIN for PVC Hidden Tilt Rod
		
钉 PIN PIN with Screw	木榫 Dowel	燕尾榫-12*10*8 Swallowtail pins-12*10*8

		
燕尾棒-27mm Swallowtail pins-27mm	燕尾棒-36mm Swallowtail pins-36mm	燕尾棒-50mm Swallowtail pins-50mm
		
吸铁片用螺丝钉 Screw for Magnet Plate	磁铁用螺丝钉 Screw for Magnet	合页用螺丝钉 Screw for Hinges
		
隐藏拉杆用螺丝 Screw for Clear View Tilt Rod	边框用螺丝 Install Screw for frame	调整螺丝 Tension Screws+Spring
		
安装螺丝 Assembly screws	U 形钉 Stainelss U -Screws -416K/419k	

		
圆孔塞-长开口 Hole Plug-Long groove	圆孔塞-短开口 Hole Plug-Short groove	异形圆孔塞 Covers for rabbet stiles
		
孔塞-15.65/16.45/17.17/19.1mm End cap used for stile-15.65/16.45/17.17/19.1mm	圆孔塞-不开口 Hole Plug-No groove	不干胶孔贴-15/20MM Sticker-15/20MM
		
脚钉 Panel feet	调整孔 PIN 套 大/小 Shoulder washer for adjust hole	调整孔垫片 Screw Ring used for adjust hole screw
		
合页垫片 Hinge packer	圆头拉杆 2.5/3.5/4.5 Real Louver Control 2.5/3.5/4.5	内置拉杆齿条 Rack for Hidden Rod

		
圆形磁铁 Round magnet	圆形磁铁片 Round magnet plate	半圆形吸铁片 Arch magnet plate
		
L 形磁铁片 L magnet plate	新 L 型吸铁片 White New L shape Magnet Plate	13 磅磁铁 13 Pang Magnet
		
厚磁铁 Thick Magnet	长磁铁 Long Magnet	磁铁 Magnet
		
卡扣 Catcher	碰珠 Button catch	



拉环
Pull ring



芯板拉手
Solid knob with 32mm screw



天窗锁
Skylight lock



叶片锁
Blades Lock



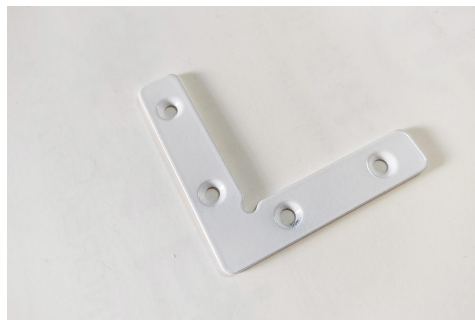
锁
Lock



插销
Flush bolt



托架
Bracket-75/100/135/180mm



L 型拐角
L shape return



门搭 1
Latch1



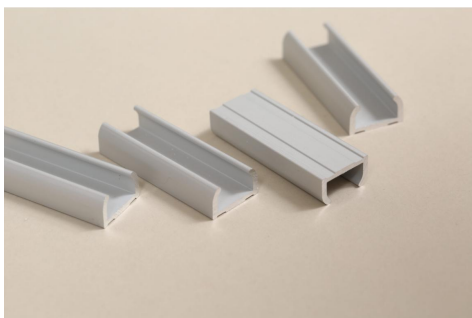
门搭 2
Latch2



门搭 3
Latch3



M 型下滑道
M -Bottom Track



U 型下滑道
U -Bottom Track



上滑道
Top track



T 型下导轨
T shape bottom guide



上固定轴
Top Pivot



下固定轴
Bottom Pivot



滑轮
Wheel



下活动轴
Bottom Pivot



滑止
Track Stop



铝合金下活动轴
Aluminium Bottom Pivot



铝合金用上固定轴+滑轮
Aluminium Top Pivot + wheel

包装展示 Package



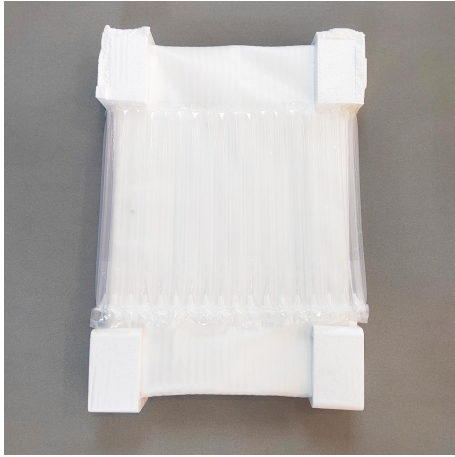
外箱效果
Outview



唛头和警告贴
Marks /warning labels



五金盒指示贴
Hardware box instruction labels



气柱包装
Air bag packaging



窗扇边框分包
Pannel & Frame Classified pack



包装耗材
Packaging consumables



空运蜂窝纸箱展示
Air freight Honeycomb carton



散货木箱展示
LCL-Wooden box



海运集装箱展示
Shipping container view

配套设置 Supporting settings



四边展架
4 side display



使用场景
Usage scenario



伸缩杆
Extend rod



使用场景
Usage scenario



蜂巢帘
Honeycomb Blinds



使用场景
Usage scenario



鸵鸟毛掸子
Ostrich feather duster

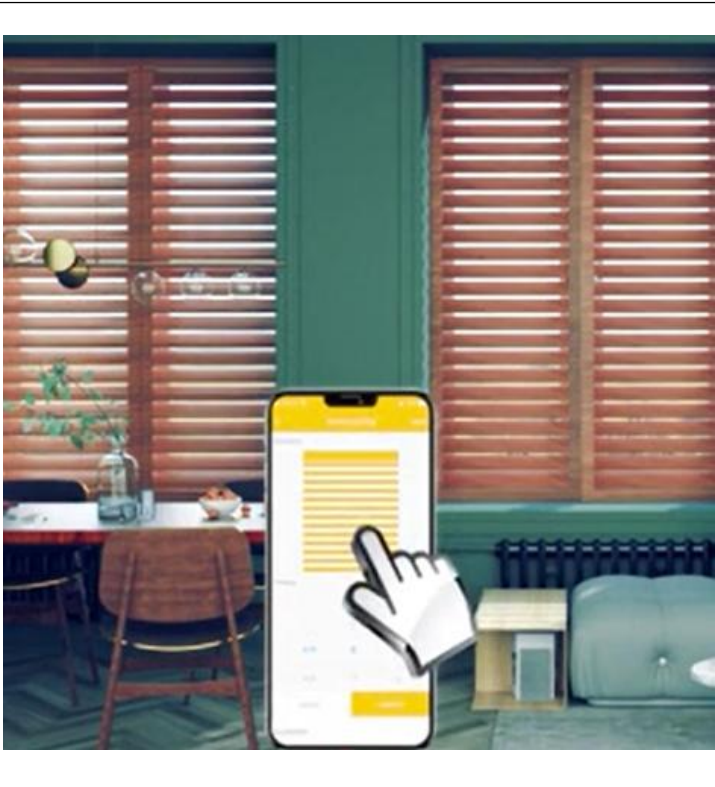


使用场景
Usage scenario



电机

Motor



使用场景

Usage scenario



防蚊纱窗

Shutter with Screen Shade

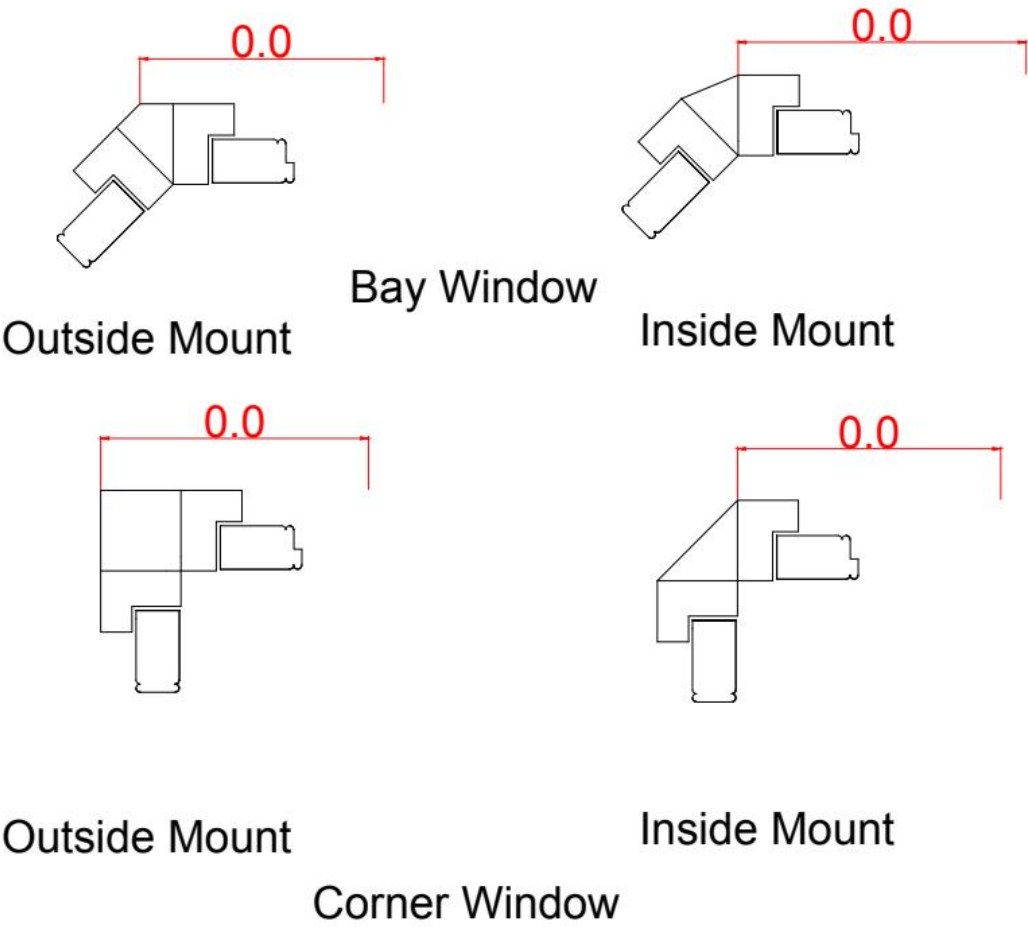


使用场景

Usage scenario

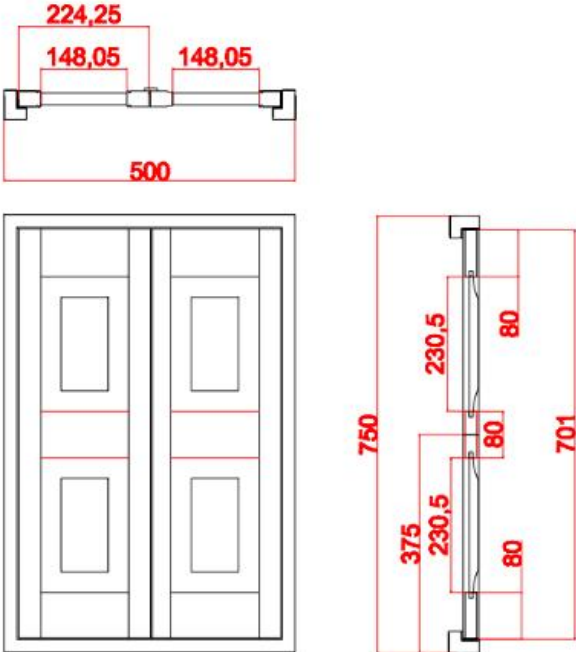
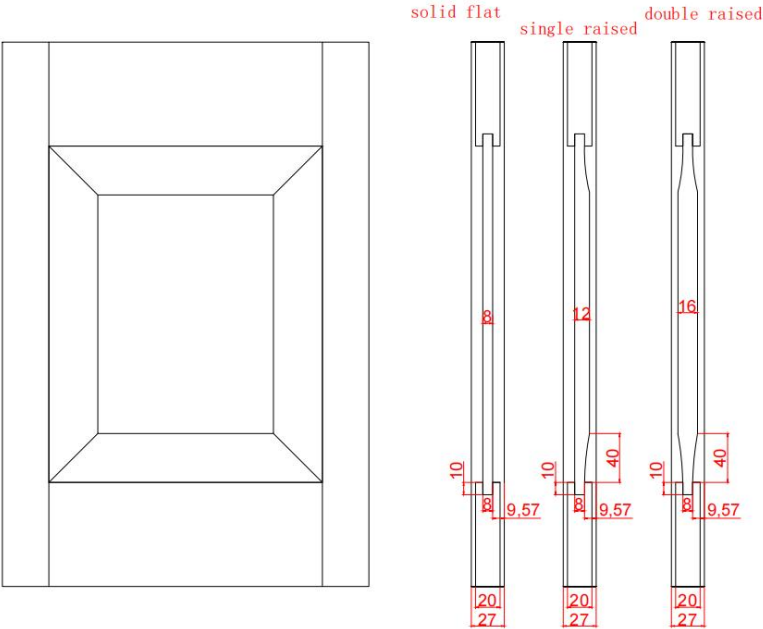
附件 1 海湾窗测量 Measurement bay shutter

转角/海湾窗的内外装测量 Measurement about the corner/bay shutter



附件 2 芯板窗 Solid Panel

芯板窗 Solid panel

	
双面起形芯板窗 Double raised solid panel	
单面起形芯板窗 Single raised solid panel	
双面平面芯板窗 Double flat solid panel	
最窄芯板窗 Mini width for solid panel	双面起形芯板窗:276mm Double raised solid panel:276mm
	双面平面芯板窗:200mm Double flat solid panel:200mm
	单面起形芯板窗:200mm Single raised solid panel:200mm

附件 3 蜂巢帘 Blackout blinds & 防蚊纱窗 Screen Shade

蜂巢帘 Blackout blinds

华升透气窗后边可以安装蜂巢帘，来实现整个室内全遮光。可用于卧室，多媒体室和婴儿房等。蜂窝设计原理，每个单独的蜂巢有一层铝箔，除了遮挡光线也可以隔热，实现冬暖夏凉功能。单个窗户最大尺寸 1600mm x 2000mm，超出尺寸需要多个组合，用专用 Tpost 断开安装。

A blackout blind can be ordered to fit behind our plantation shutters, allowing you to achieve total room darkness. Ideal for bedrooms, media rooms or nurseries. The honeycomb design completely blocks out the light with each cell having an internal foil wrap, creating both light block out and thermal insulation. The insulating characteristics help keep the heat out in summer and the warmth in during winter. Single blinds can fit windows up to 1600mm W x 2000mm H. For wider windows, simply order multiple blinds to install within T posts within the shutter frame.

特点 Features

- 有效遮光，更有助于睡眠 Effective blackout for better sleep
- 方便快捷安装 Easy to fit
- 儿童安全无拉绳设计 Child safe as chain free
- 弹簧调节拉伸 Spring operated mechanism allows tension to be adjusted
- 保温效果显著 Reduce heat loss and heat gain
- 高质量遮光面料 High quality 100% light block coating polyester fabrics

防蚊纱窗 Screen shades

在蜂巢帘的基础上，华升透气窗升级，可安装防蚊纱窗，实现防止蚊虫进入窗户的功能。

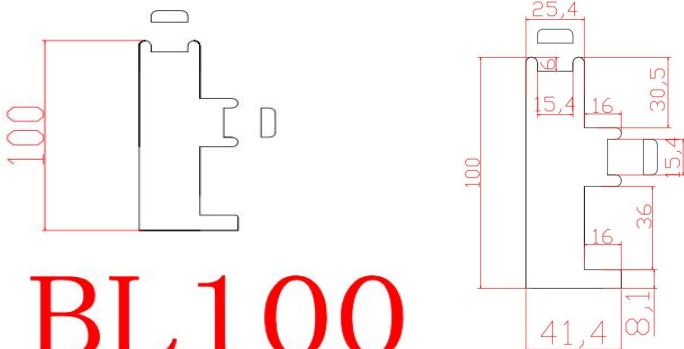
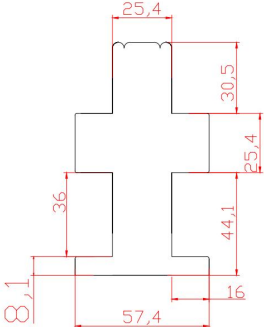
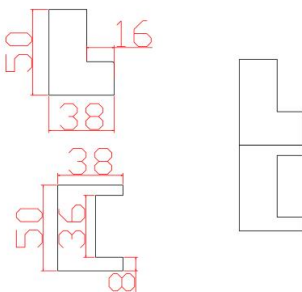
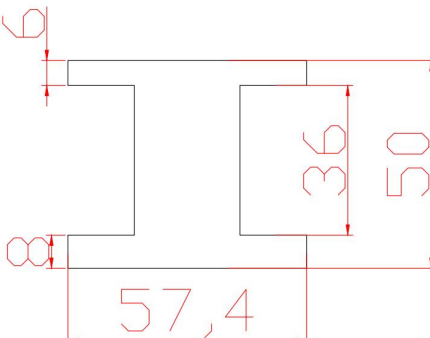
On the basis of the blackout blind, Huasheng upgraded some functions, shutters can be installed with mosquito screen shades to prevent mosquitoes from entering the window. The production requirements and system are the same, only the fabric needs to be replaced.

特点 Features

- 有效隔绝蚊虫进入窗户 Effectively isolate mosquitoes from entering.
- 使用和蜂巢帘同样的边框和轨道 Use the same track and frame as the blackout blinds.



蜂巢帘和防蚊纱窗可用边框 Frame available

<p>木质窗可以选择 BL100 边框 Wooden shutter can choose BL100 stile</p>	<div><p>BL100</p><p>BL100 边框</p></div>
<p>BL100 边框需要选择对应的 Tpost T-post corresponding to BL100 Frame</p>	<div><p>BL100-T-POST</p></div>
<p>PVC 窗可以选择 L50+U 滑槽 PVC shutter can choose L50+U channel</p>	<div><p>L50+U Channel</p></div>
<p>L50+U 滑槽边框需要选择对应的 T-post T-post corresponding to L50+U channel Frame</p>	<div></div>

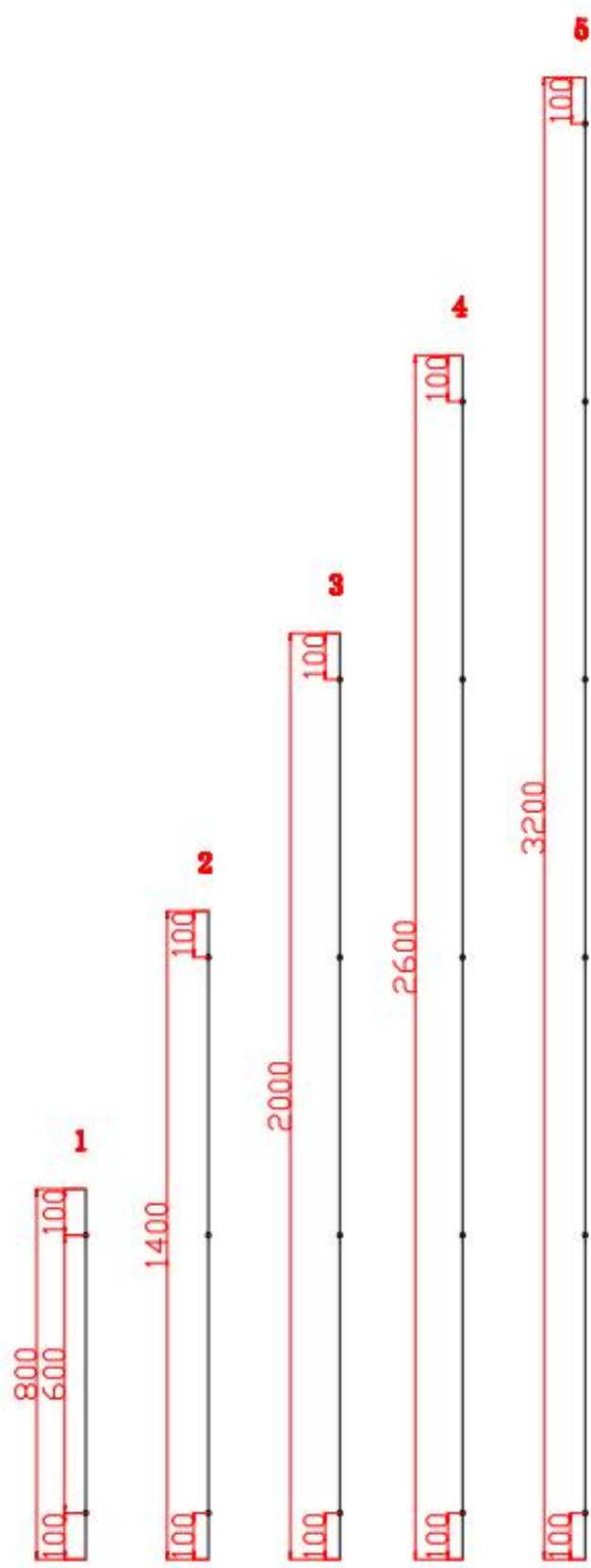
蜂巢帘&防蚊纱窗定制尺寸范围 Blackout blinds &Screen shades size Limitations

颜色 Color	蜂巢帘宽度 Blinds width	蜂巢帘高度 Blinds height	最小宽度 Min Width	最大宽度 Max Width	最小高度 Min height	最大高度 Max height
白-white 黑-Black	U 槽尺寸-15mm Uchannel-15mm	U 槽高度 Same to U channel	250mm	1600mm	250mm	2000mm

- 按照平方定价，小于 1 平，按照 1 平方算。
Priced by Sqm, if blind less than 1 sqm pricing will be rounded up to the next full sqm.
- 必须要四面的边框，不可以少任意一边。
4 x sided shutter frame is always required.
- 保修期为发货后 1 年
Warranty is 1 year from dispatch.

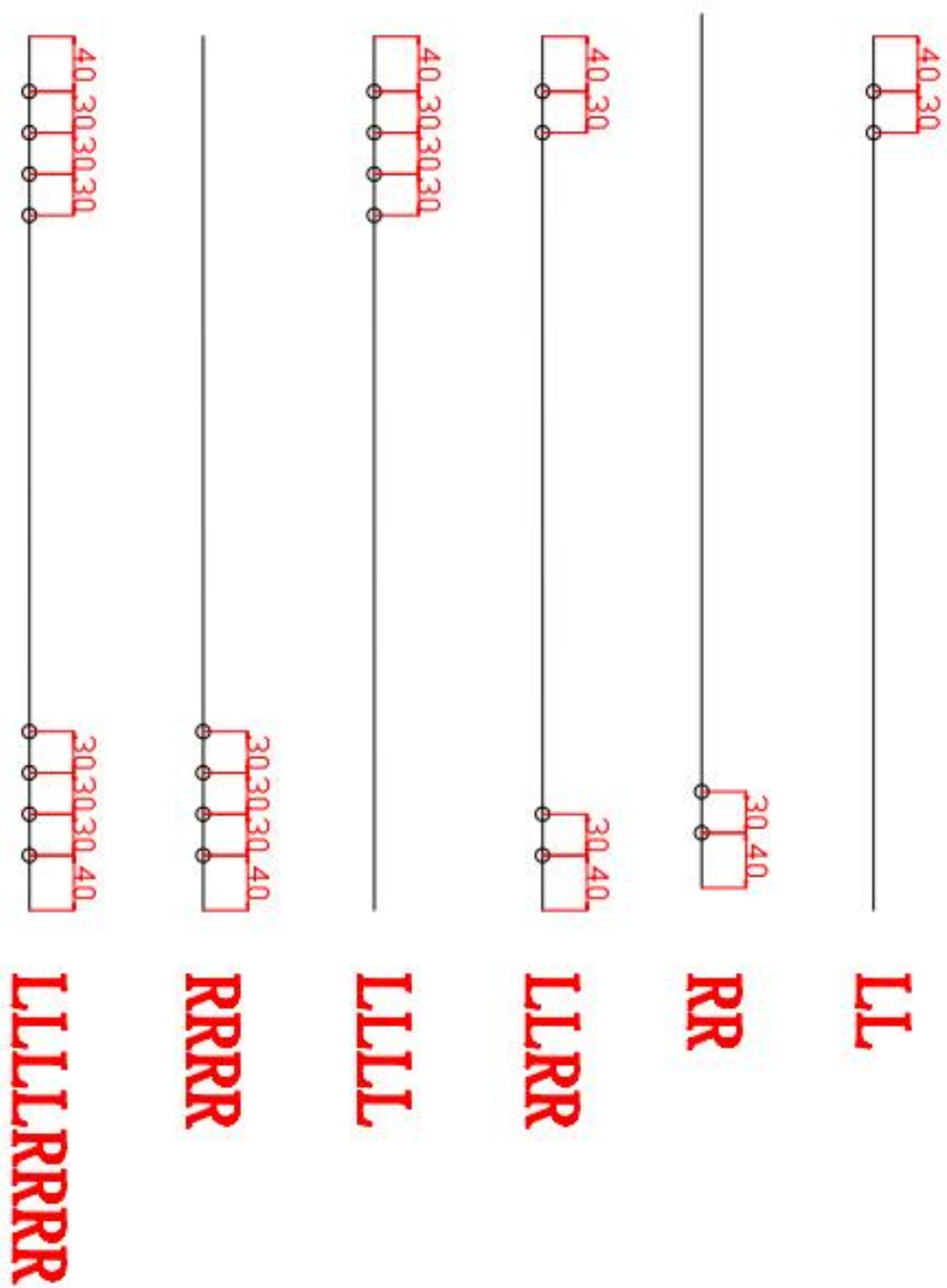
<p>车间会根据透气窗尺寸做好蜂巢帘成品</p> <p>The workshop will prepare the finished blackout blinds according to the size of the ventilation window.</p>		<p>上轨和下轨固定在 U 槽内，中轨控制帘子的升降。</p> <p>The top and bottom rails are fixed in the U-channel, and the middle rail controls the lifting of the blinds.</p>	
<p>卡扣在 U 槽内的安装位置。卡扣的“舌形”一面朝向窗扇一侧，便于后期拆卸。The installation position of the bracket in the U-channel. The "tongue shaped" side of the bracket faces the side of the panel for easy disassembly in the later stage.</p>		<p>下轨内的弹簧和螺丝可以帮助调整拉绳的长度。一般情况下出厂就已经调整好。</p> <p>The springs and screws inside the bottom rail can help adjust the length of the pull rope. Normally, adjustments are already made at the factory.</p>	

附件 4 边框安装孔示意图 Schematic diagram of frame installation holes

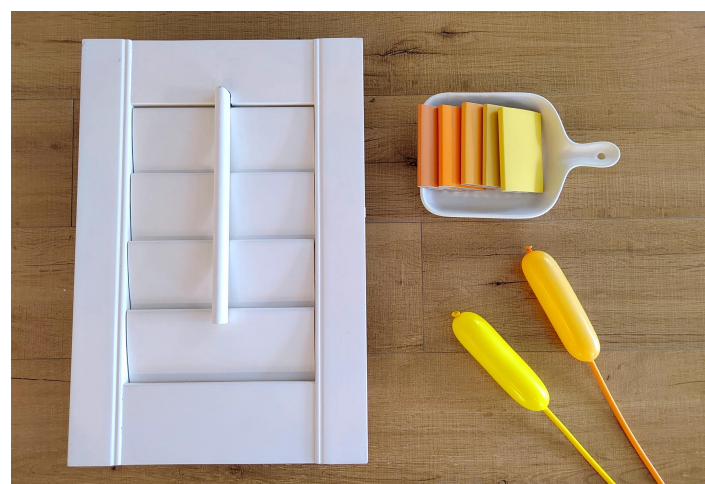
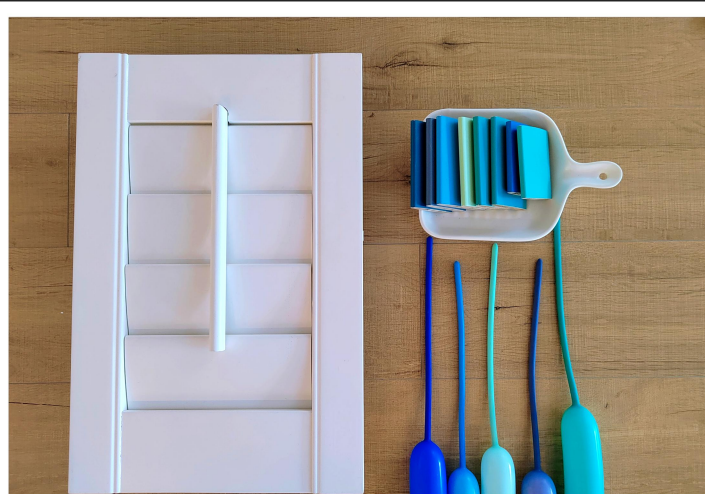


边框安装孔示意图

折叠窗上滑道安装孔位置图

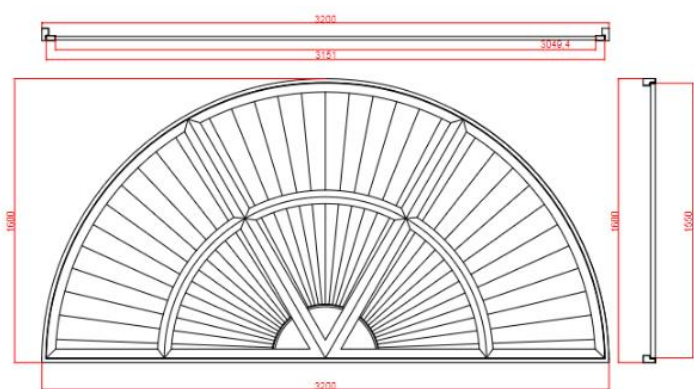


附件 6 定制色和定制形状 Customized colors and shapes



我们支持来自多乐士 .FB, K7 等色卡的颜色定制，您也可以邮寄油漆原色卡让我们进行复制。

We support color customization from Dulux. FB, K7 and other color cards. You can also mail the paint primary color card for us to copy.



MATERIAL: PAULOWNIA
RB-681-2 FFF



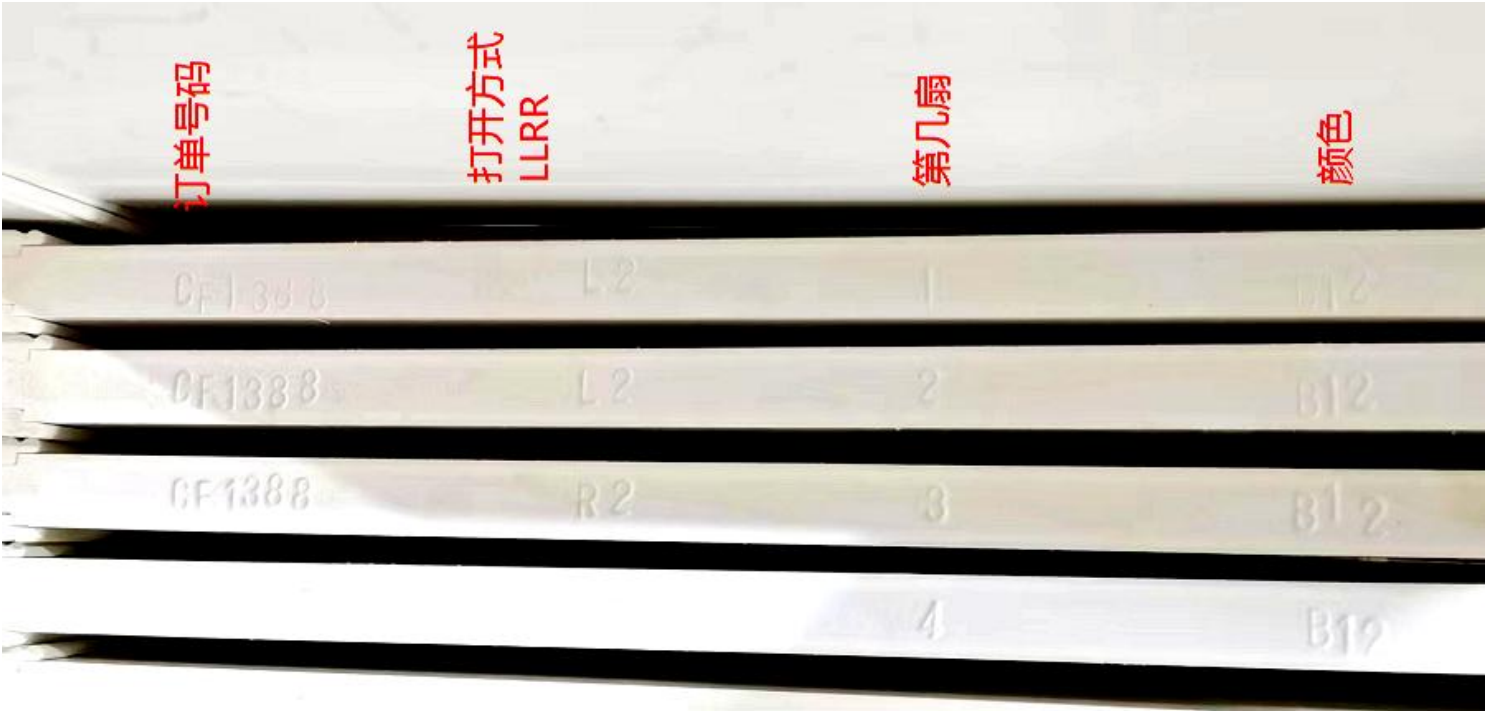
附件 7 钢印和纸箱唛头 Steel stamp & Shipping label

每套透气窗的边框，T post，窗扇上都会有钢印标识，标识内容为：订单号码，打开方式，窗扇序号，颜色。

钢印的位置在顶部或者底部。咖啡窗的钢印在底部。分层窗的钢印，上部分窗扇的钢印在顶部，下部分窗扇的钢印在底部。


The frame, T post, and sash of each set of plantation shutter will have a steel stamp identification, includes: order number, opening method, panel serial number, and color.

The steel stamp is at the top or bottom of the shutter components. The steel stamp of the coffee window is at the bottom. The steel stamp of the tier on tier window is located at the top of the upper panel and at the bottom of the lower panel.



Tpost 的钢印示意图	小条全部没有钢印，均为手写标识	边框钢印示意图

唛头 Shipping label

DP
Order NO: ORD-8784
CUSTOMER name: RIJEN RS
Ref No: DP-5442
Item: 1-1/2 KEUKEN VOOR
Carton No: 1 OF 41
Shutter Panel


CTN/NO:1

132

- DP 客户简称 Customer Name Abbreviation
- CTN/NO:1— 集装箱内第几箱 Which box of containers
- 132 — 海运批次 Shipping batch
- Order NO: ORD-8784 — 订单号 Order number
- CUSTOMER name: RIEN RS — 终端客户名称 End customer name
- Ref No: DP-5442— 华升单号 Huasheng Order number
- Item: 1-112 KEUKEN VOOR — 订单中的第几套 Which set in the order
- Carton No: 1 OF 41— 总箱数的第几箱 Which one of the total number of boxes
- Shutter Panel — 箱内明细 Type of goods inside the box

附件 8 拱形窗起拱方式 Arch shaped design method

华升的拱形窗户制作，是用窗扇的上板，变形成拱形制作。Huasheng Arched window, using the top rail of panel to form an arch



木质拱形款式 1
Wood Arch window style 1



木质拱形款式 2
Wood Arch window style 2



PVC 拱形款式 1
PVC Arch window style 1

附件 10 华升的技能教学视频链接 Our skills teaching Video Link

- 内置拉杆更换叶片视频 Replacing blades for hidden tilt rod
- 中心木拉杆更换叶片视频 Replacing blades for center tilt rod
- 隐藏拉杆更换叶片视频 Replacing blades for clearview rod
- 如何调整叶片闭合效果不好 How to adjust screw when the blade is not closing properly

