

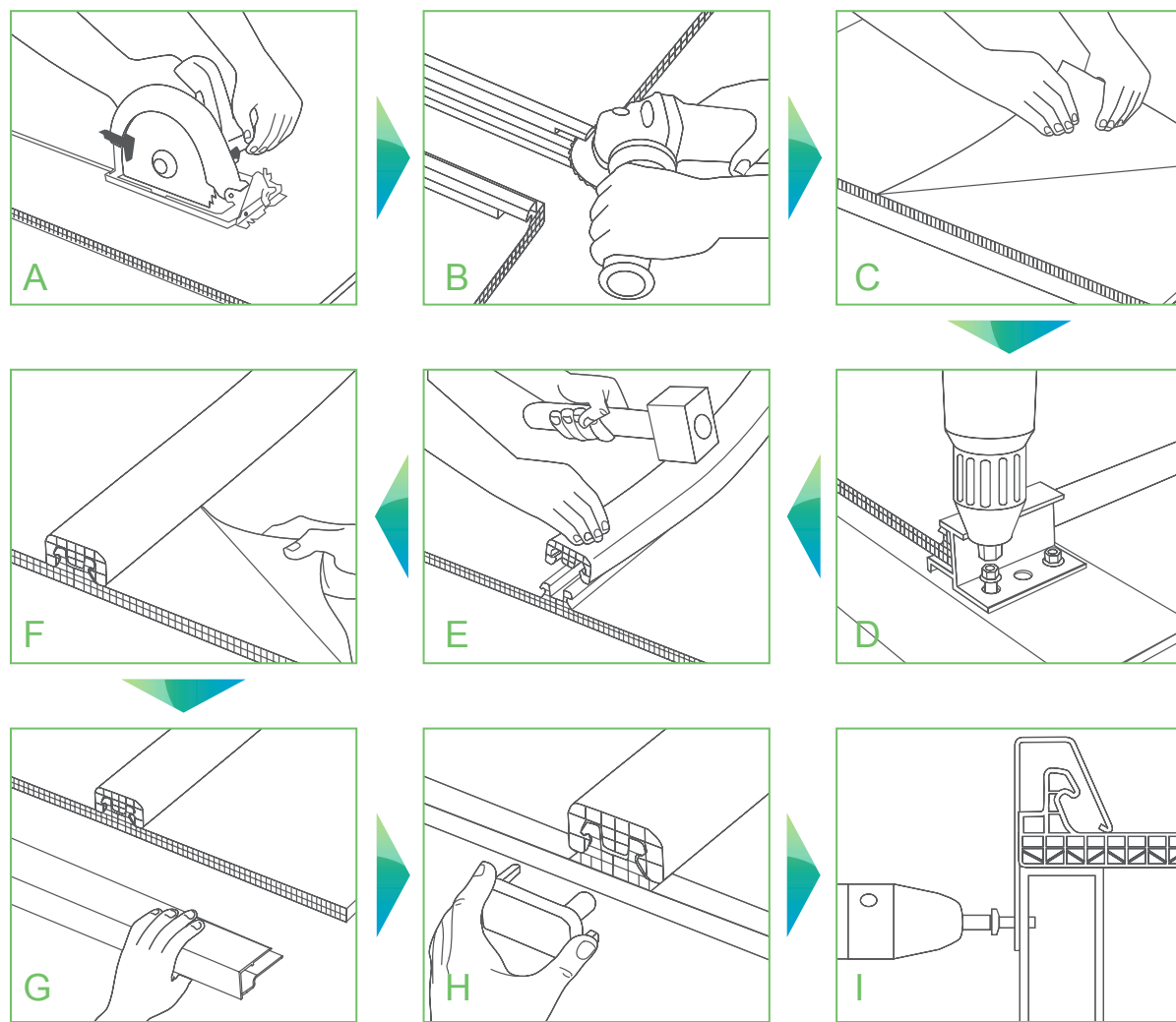
Innovative Daylighting
Solutions
创新采光方案引导者



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www.innovoplas.com

Installation instructions 安装说明



- | | | |
|--|---|---|
| <p>A. 切割到要求尺寸
Cut to the required dimension</p> <p>B. 给铝制密封条开切口
Cut openings on the aluminum seal</p> <p>C. 揭掉内覆盖膜
Peel off the inner covering film</p> | <p>D. 固定好T形紧固件
Secure the T-shaped fastener</p> <p>E. 组 装
Assemble</p> <p>F. 揭掉外覆盖膜
Peel off the outer covering film</p> | <p>G. 固定密封胶条
Secure the sealing strip</p> <p>H. 固定PC连接的堵头
Secure the end cap for PC connecting</p> <p>I. 揭掉内覆盖膜
Peel off the inner covering film</p> |
|--|---|---|

嘉兴赢创实业有限公司
Jiaxing innovo industries CO.,Ltd.

地址：嘉兴市海盐县通元镇石泉工业园区1号
电话：0573 86572888
网址：www.innovoplas.com

Add: NO.1 Shiquan Industrial Park, Tongyuan Town,
Haiyan County, Jiaxing City
Tel: +86 573 86572888 Web: www.innovoplas.com

全国免费服务热线
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Design by: 墨迹社 GRAPHIC POWER 0573-82086333



Multiwall PC Standing-Seam Architectural System U型锁扣阳光板

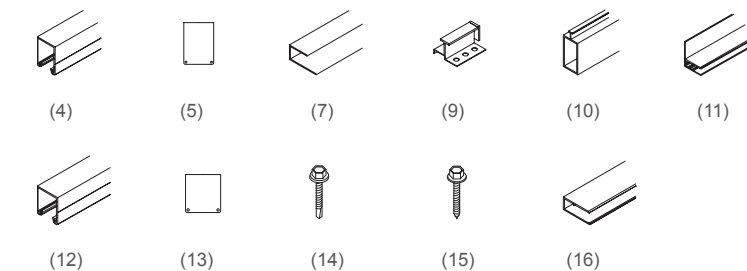
U型锁扣阳光板系统部件之间的接触无需使用硅树脂或是粘合剂。对于挡雨板组件的密封，只能使用力佳龙。许可的附件、硅树脂、密封条和封闭件等等。

对于U型锁扣阳光板多层板的清洗，可以用压力清洗机和自然干燥。不要用布/海绵/软皮或是类似物体清洗，这些会给板材表面造成划伤，影响它们的性能。

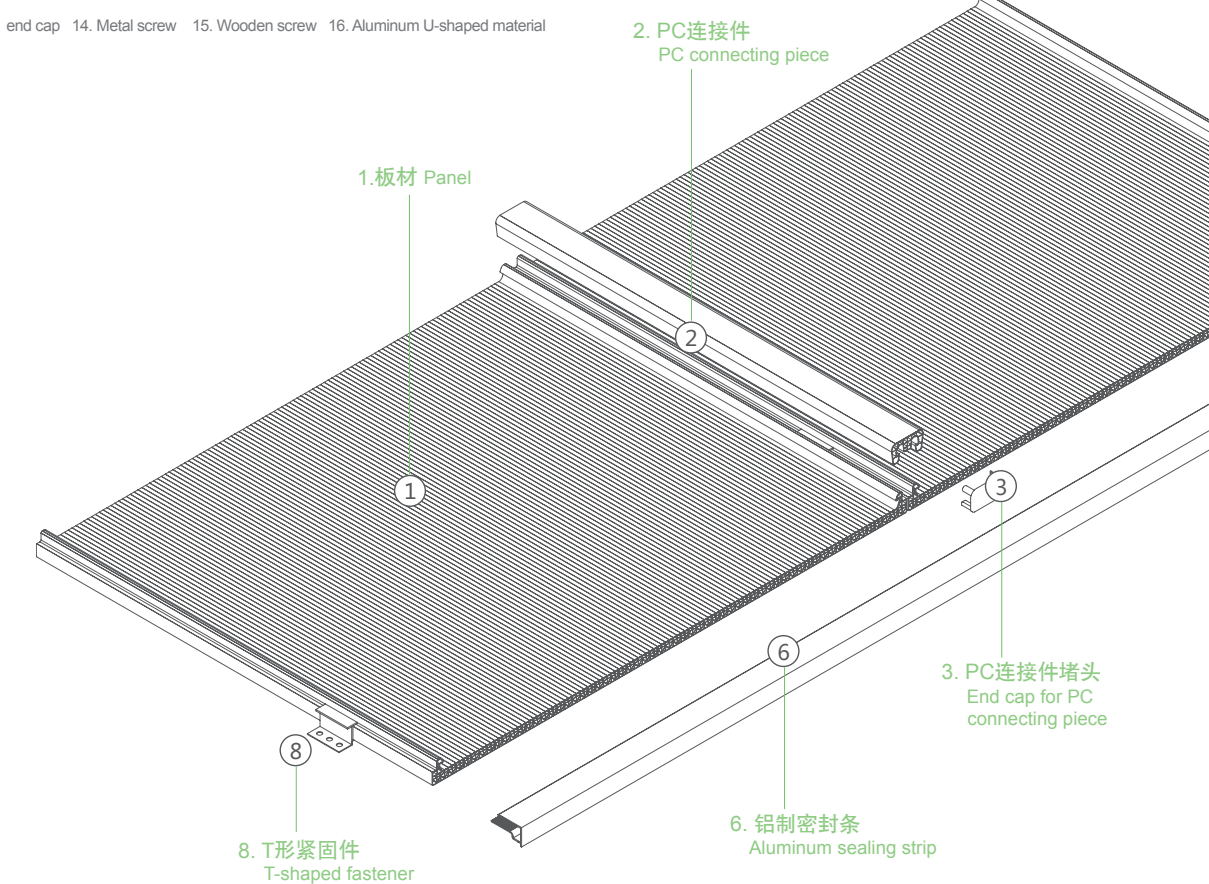
The silicon resin or adhesion agent is not necessary for the parts in the system components of the U-shaped locked solar sheets. As to the sealing of the baffle assembly, only the accessories, silicon resins, sealing strips, closures approved by the Regalon, can be used.

As to the rinse of the U-shaped lock and the sunlight sheets, the pressure washing machine and natural drying are advisable. Fabrics, sponges, soft leather and other similar things could not be used since they will scratch the surface of the sheets to affect their functions.

Details for assembling 组装细节

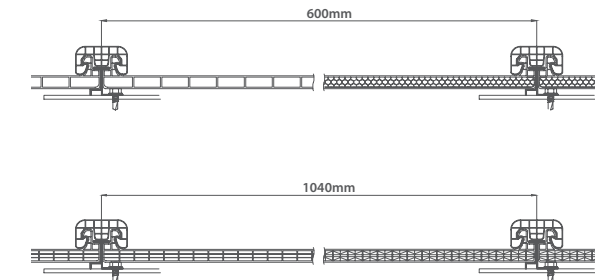


- | | | | | |
|-------------|---------------|----------------|----------|----------|
| 4. 铝制连接件'C' | 5. 铝制连接件'C'端盖 | 7. PC U型材 | 9. T形塞 | 10. 铝制檩条 |
| 11. 铝制F型材 | 12. 铝制连接件'R' | 13. 铝制连接件'R'端盖 | 14. 金属螺丝 | |
| 15. 木质螺丝 | 16. 铝制U型材 | | | |





Multiwall PC Standing-Seam Architectural System U型锁扣阳光板



Applications 主要应用

建筑物、商业和零售建筑、体育场馆屋顶、带天蓬人行道、露天市场、加油站、入口、游泳池顶棚。

Buildings, Business and shops, Roofs of stadiums, Pavement with canopies, Outdoor market, Gas station, Entrance, Canopy of swimming pool.

现代 / 美观 / 环保

Modern / Beautiful / Environmental

Standard Color 标准颜色

透明, 绿色, 蓝色, 烟色, 茶色, 乳白大批量用户, 颜色和规格可定做。

Clear, Green, Blue, Smoke, Brown, Opal
Large order, color and size can be custom-made



Typical physical properties 典型物理性能

性能值 Performance values	方法 Method	条件 Condition	单位 Unit	值 Value
密度 Density	D-792	—	g/cm ³	1.2
热变形温度 Temperature of thermal deformation	D-648	负载: 1.82Mpa Load: 1.82Mpa	°C	130
服务温度 - 短期 Service temperature - short term	—	—	°C	-50 to 120
服务温度 - 长期 Service temperature - long term	—	—	°C	-50 to 100
线性热膨胀系数 Linear thermal expansion coefficient	D-696	—	mm/m°C	6.5 [°] x10
屈服强度 Yield strength	D-638	10mm/min	Mpa	62
断裂伸长率 Elongation at break	D-638	10mm/min	%	>80
落锤冲击试验 Dart drop impact test	ISO 6603/1	—	J	40-400
热膨胀 / 冷缩量 Expansion/shrinking rate	—	—	mm/m	3

除非有特殊说明, 否则全采用的是美国材料试验协会 (ASTM) 方法。Unless otherwise specified, the method of the ASTM is adopted.



力佳龍®U型锁扣阳光板是一种先进的多层PC板插接系统, 其设计已经实践证明, 集合了优良的采光、隔热和高强度等性能。它提供一个轻质、无膨胀和防漏设计, 能承受非常高的荷载。力佳龍®U型锁扣阳光板的诸多优势使其成为多种项目长期使用的理想选择。

Regalon® Multiwall Polycarbonate Standing-Seam Architectural System is an advanced multiwall polycarbonate panel system that combines smart design, light transmission, high thermal insulation and strength. It offers a lightweight, expansion-free and leak-proof design that withstands very high loads. The system's many advantages make it ideal for long term installations in various design projects.

Bending radius 弯曲半径

板材类型 Type	REGALON Lite 6mm	REGALON 8mm	REGALON 10mm	REGALON 18-20mm
最小弯曲半径 Min. bending radius	1800	2000	2400	3000

注意: 对于弯曲应用, PC连接件能冷弯, 而铝制连接件则需要预弯。
Note: For bending applications, PC connector can be cold-bended, while aluminum connector needs to be pre-curved.



力佳龍的U型锁扣板系统是专为建造各种不同造型的透明采光天幕而开发的系统, 揉合了最先进的功能及结构设计, 开发引进了具有世界领先水平生产工艺和生产设备, 100%采用进口特级聚碳酸酯原料生产而成。

力佳龍的U型锁扣板系统独有的U形连接结构及自由浮动结构能满足建筑设计师更自由的, 更具想象力的设计要求, 使其能摆脱材料的局限, 设计出更现代, 更美观, 更环保的采光方案。

Regalon® Multiwall Polycarbonate Standing-Seam Architectural System is designed specifically for the construction of different types of transparent daylighting roofings. It combines most advanced design of functions and structure and is produced by top grade polycarbonate resin with world leading production processes and equipment.

Regalon® Multiwall Polycarbonate Standing-Seam Architectural System's 'U' connection style and free floating structure satisfy architects' design requirements of more freedom and imagination, helping them get rid of material limits and design more modern, beautiful and environmental skylighting solutions.

