



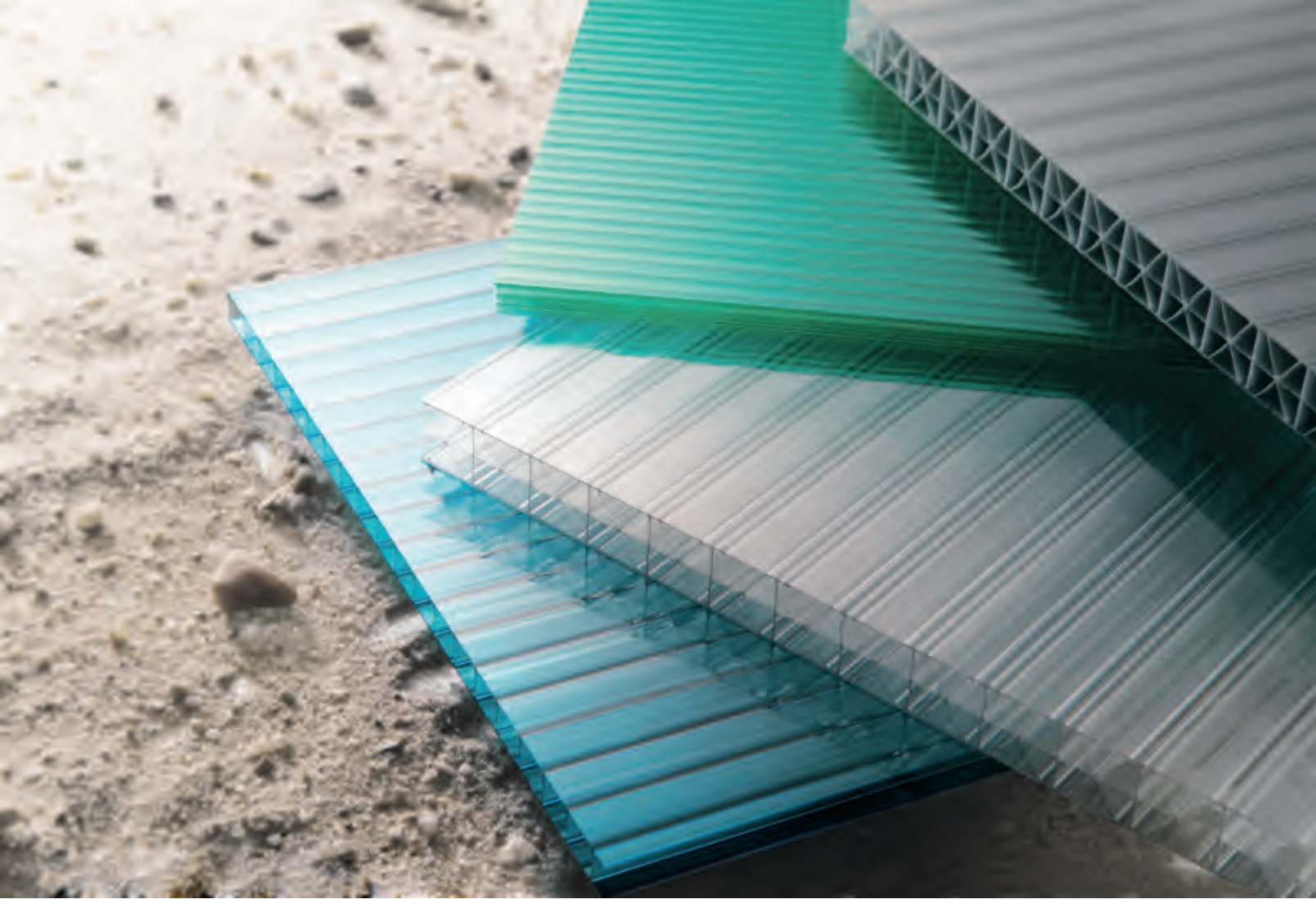
Innovative Daylighting Solutions  
创新采光方案引导者

[www.innovoplas.com](http://www.innovoplas.com)



# Reinforced Multiwall Polycarbonate Sheet

## 多层结构中空板



# Reinforced Multiwall Polycarbonate Sheet

## 多层结构中空板

力佳龙® 多层结构中空板是在普通二层中空板的基础上增加层数或斜向支撑，从而提升板材整体承压能力的一种加强型板材。该板材能支持更大的檩条间距，最大程度的减少型材的使用量，使得设计师在选材时能有更多的发挥空间。同时多层结构形成空腔增加了保温隔热性能，相对于相同厚度普通板材更低的U值。板材增加的斜向支撑对中空板材横向的稳定性还起到了积极作用，使得板材的整体结构更加合理。

Regalon® Reinforced Multiwall Polycarbonate Sheets have more layers or slanting brace so that they are featured with increased overall loading capacity. These sheets can support greater purlin distances, reduce accessories usage to the maximum, enabling architects to have more freedom in choosing the materials. Meanwhile, the reinforced multilayer structure increases heat preservation and insulation, resulting in a lower U-value compared to twinwall sheet with same thickness. The slanting brace also brings positive effects to the lateral stability of multiwall sheets, making the overall structure more reasonable.



相比二层中空板，多层结构板材具有更高的耐冲击性和更好的隔热效果，能适应更苛刻的耐候条件，广泛适用于各种建筑需求。

Compared with the two-layer hollow sheets, multi-layer structure hollow sheets have a higher impact resistance and a better heat insulation, capable of sustaining more stringent climate to be widely used in all kinds of constructions.

◎ 结构坚韧 The tough structure

30  
Its impact resistance is 30 times as much as the common glasses.

应用领域:



◎ 保温隔热 Heat insulation

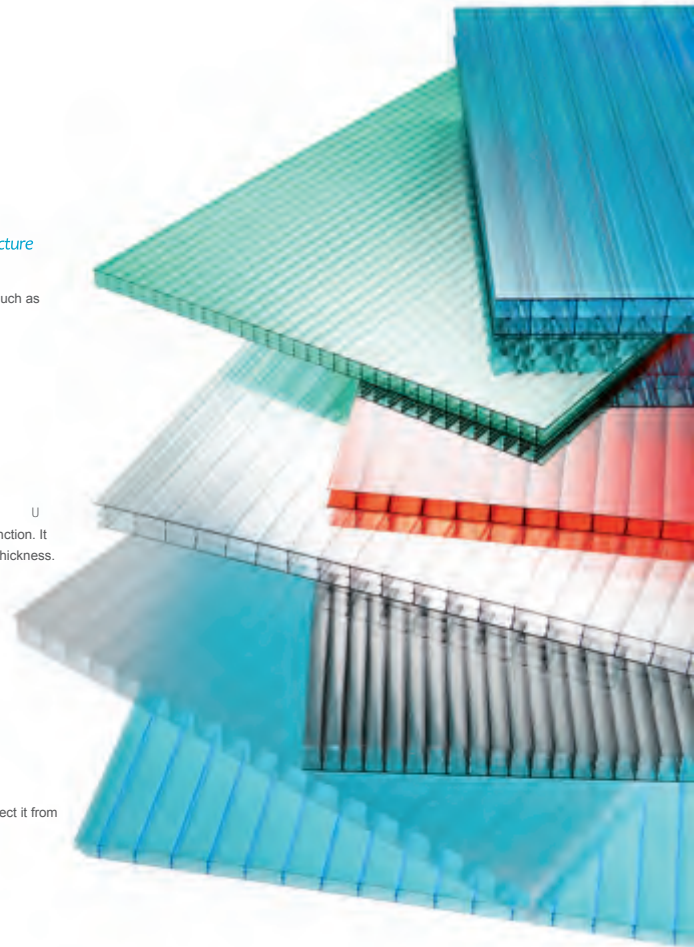
U  
Multi-layer structure forms the cavity to strengthen the insulating function. It has a lower U value compared with the ordinary panels with same thickness.

Applications:

- Workshop/storehouse skylights
- Walkways/Carports
- Gymnasiums skylights/Walkways/Carports
- Natatorium/Green house coverings
- Indoor partition

◎ 稳定性 Stability

50  
Its 50-micron meter coating can effectively protect it from ultraviolet rays to avoid aging.



板材层数 Walls	型号代码 Grade name	标准厚度 Thickness(mm)	标准重量 Weight(kg/m <sup>2</sup> )	筋距 Rib distance(mm)	标准 U 值 U-value (W/m <sup>2</sup> .K)	示意图 schematic diagram
3-wall R-structure 3	RGL6-3R14	6	1500	10	3.02	
	RGL8-3R16	8	1700		2.92	
	RGL10-3R18	10	1900		2.68	
	RGL12-3R21	12	2100	16	2.6	
	RGL14-3R24	14	2400		2.42	
	RGL16-3R27	16	2700		2.27	
4-wall R-structure 4	RGL8-4R18	8	1800	7	2.56	
	RGL10-4R21	10	2000		2.39	
	RGL12-4R23	12	2200		2.3	
	RGL14-4R25	14	2500	10	2.1	
	RGL16-4R28	16	2800		2	
	RGL18-4R31	18	3100		1.88	
	RGL20-4R33	20	3300		1.69	
3-wall X-structure 3 X	RGL10-3X19	10	1900	16	2.65	
	RGL12-3X21	12	2100		2.52	
	RGL16-3X25	16	2500		2.43	
	RGL20-3X30	20	3000	20	2.27	
	RGL25-3X34	25	3400		2.16	



# Innovative Daylighting Solutions

创新采光方案引导者

## 嘉兴赢创实业有限公司 Jiaxing inno 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 400 1652988

查询更多产品信息，请登录公司网站  
[www.innovoplas.com](http://www.innovoplas.com)

## Domestic free number 400 1652988

For more information of our products,  
please visit our website:  
[www.innovoplas.com](http://www.innovoplas.com)



HUASHILONG Polycarbonate Sheet Has Certified ISO9001:2008  
企业通过 ISO9001:2008\ISO14001:2004 国际质量体系认证

### 产品责任条款

本信息和我公司的技术建议，无论是口头的、书面的，还是以试验的形式，都是出于诚意而提供，对此，我公司并不作任何保证，这同样适用于涉及第三方所有权的情形。我公司的技术建议并不免除贵方验证当前所提供的信息（特别是我公司安全资料和技术信息表中的信息），并对产品按照特定的工艺和用途进行适应性测试的义务。对产品的应用、使用和加工，以及按照我公司的技术建议由贵方生产的产品是我公司所不能控制的，因此，完全是贵方的责任。我公司的产品依照我公司现行有效的销售与交付的一般条款进行销售。

### Product Liability Clause:

This information and our technical advice-whether verbal, in writing or by way of trails are given in good faith but without warranty, and this also applies to where proprietary rights of third parties are involved. Our advice does not release you from the obligations to verify the information currently provided-especially that contained in our safety data and technical information sheets and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and therefore entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.