



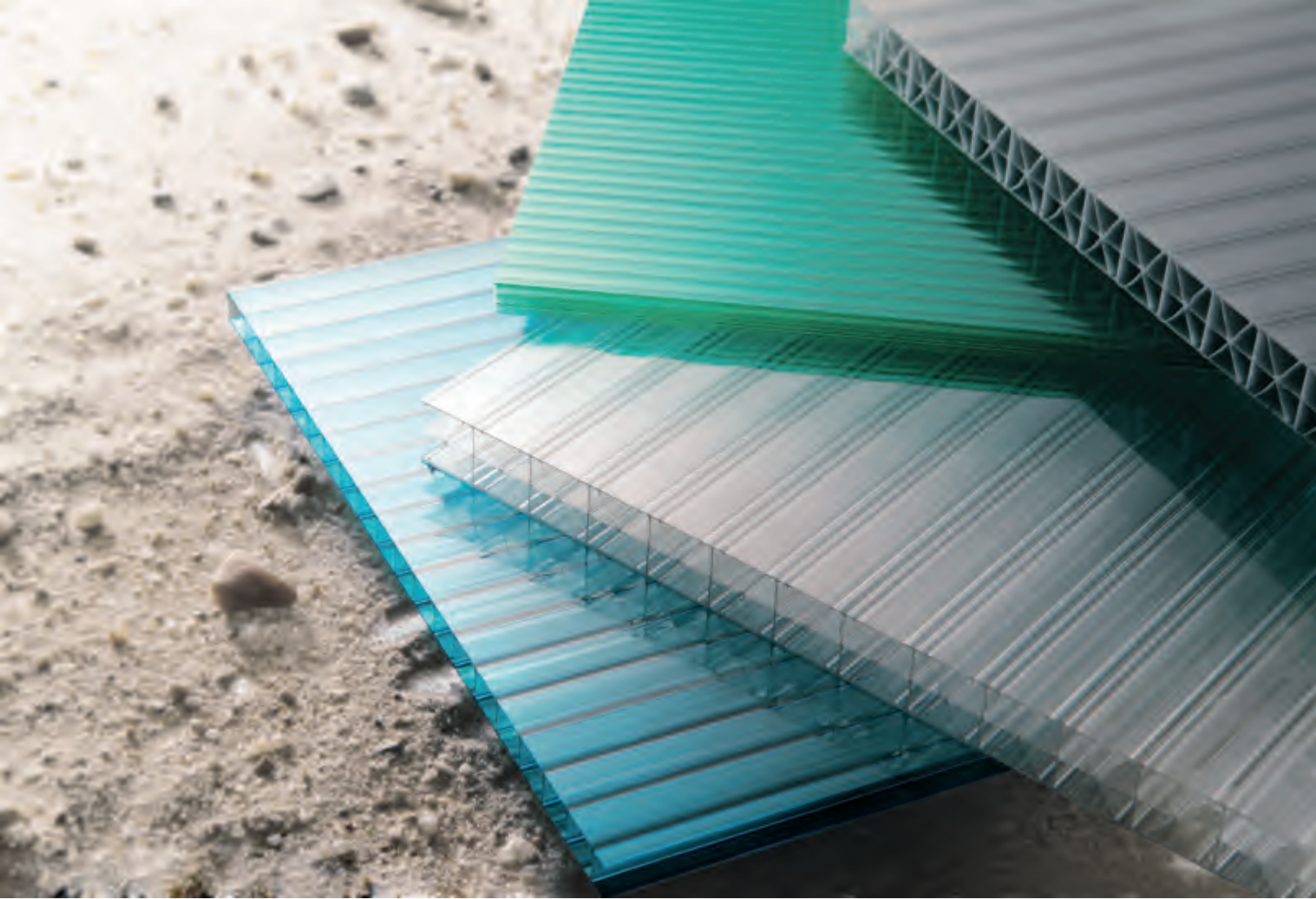
Innovative Daylighting Solutions
创新采光方案引导者

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Reinforced Multiwall Polycarbonate Sheet

多层结构中空板



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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

其冲击比普通玻璃强 30 倍。
Its impact resistance is 30 times as much as the common glasses.

应用领域:

- 工业厂房、仓库采光顶
- 通道 / 停车棚
- 体育馆馆采光顶 / 通道 / 停车棚
- 游泳池 / 温室覆盖
- 室内隔断

◎ 保温隔热 Heat insulation

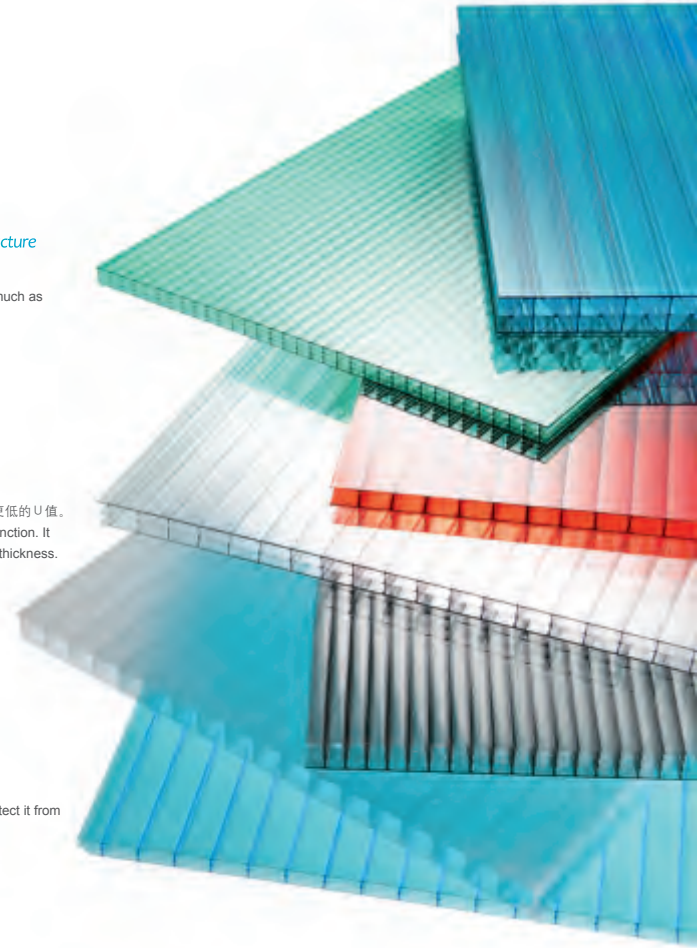
多层结构形成空腔增加了保温隔热性能，相对于相同厚度普通板材更低的 U 值。
Multi-layer structure forms the cavity to strengthen the insulating function. It has a lower U value compared with the ordinary panels with same thickness.

Applications:

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

◎ 稳定性 Stability

其 50 微米涂层能有效防止紫外线，防止老化。
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 ²)	筋距 Rib distance(mm)	标准 U 值 U-value (W/m ² .K)	示意图 schematic diagram
3-wall R-structure 3 层矩形结构	RGL6-3R14	6	1500	10	3.02	
	RGL8-3R16	8	1700		2.92	
	RGL10-3R18	10	1900		2.68	
	RGL12-3R21	12	2100		2.6	
	RGL14-3R24	14	2400	16	2.42	
	RGL16-3R27	16	2700		2.27	
4-wall R-structure 4 层矩形结构	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 层 X 形结构	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	



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

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