

● 聚碳酸酯实心板 衍生功能板材

耐磨划实心板具有超高的强度，经过特殊工艺处理，表面硬度达到4H级，有效避免板材表面划伤，以及化学品的侵蚀和异物的污染，适用温度达到-50℃-135℃，比一般实心板材抗静电性能高出数倍，是一种极佳的工业级板材，能适应复杂严苛的使用环境，广泛适用于高精机械、防护、家用电器等。

The harden surface of abrasion resistant sheet can reach 4H level which can effectively resist abrasion and erosion. It also performs better on antistatic than ordinary sheet. With a wide ambient temperature of -50℃-135℃, it is widely used in mechanical and electrical instruments.



产品规格 Product Standards

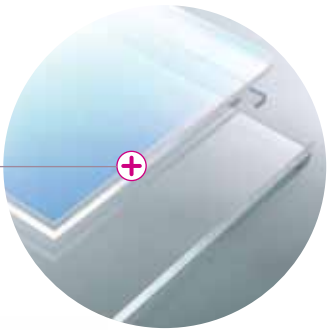
厚度 (mm) Thickness	标准规格 (mm) Standard Size
1.5 ~ 12mm	2000x3000 1220x2440 1830x2440

* 达到最小起订量可按要求定制尺寸
Custom sizes available when reach minimum order quantity.

耐磨划，出色的安全性！

Abrasion resistant, safety!

表面抗划伤镀膜硬化层
The hardened surface



PC耐力板的抗冲击强度是同等厚度普通玻璃的250-300倍，且重量只有玻璃的1/2，不易破裂，被广泛应用在建筑玻璃，可有效减少暴力盗窃的发生。但PC耐力板表面本身不够耐磨，历新耐磨划板通过在板材表面附着一层硬化涂层有效弥补了这一缺陷。历新耐磨划板还解决了硬化涂层的耐候性问题，15年内不会脱落，达到国际先进水平。

With 250-300 times impact resist and only half weight of glass, polycarbonate solid sheet is a good substitute of glass for construction glazing, which can prevent the violent break-in. The harden coat of Lixin Sheet could work effectively for at least 15 years, preventing the glazing sheet from daily abrasion.

耐磨划实心板

Abrasion Resistant Sheet

聚碳酸酯实心板 衍生功能板材



Ideas for Growth

先进采光节能方案的倡导者

Advocates of Advanced Lighting & Energy-saving



Ideas for Growth

Permanent
Excellent Quality
Just Need Time to Prove

耐磨划实心板

Abrasion Resistant Sheet

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Permanent
Excellent Quality
Just Need Time to Prove

耐磨划实心板

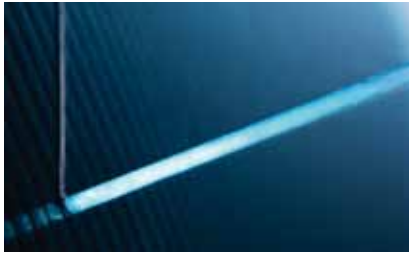
历新耐磨划板材除具有聚碳酸酯材料固有的轻质高强、透光率高等特性外，板材表面具有单面或双面的专有硬化涂层，提供持久的耐磨和抗老化能力。历新耐磨划板材安全可靠，是安全采光和防卫的最佳选择，适合多领域应用。此款板材可以是透明本色或按客户要求定制颜色。

Abrasion Resistant sheet is a one or both-side hard coated polycarbonate sheet offering excellent abrasion resistance, excellent dimensional stability, impact resistance and optical clarity. It is ideal for security glazing and defense applications. Transparent or customized colors sheets can be supplied.

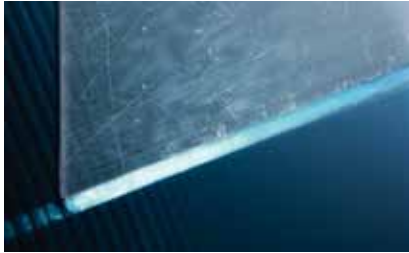
产品特点 Product Features

- | | |
|------|---------------------------------|
| 耐磨划 | High abrasion resistance |
| 抗冲击 | High impact Resistance |
| 抗腐蚀 | High chemical resistance |
| 防紫外线 | Weather and UV resistant |
| 高透光率 | High light transmission |
| 隔音性好 | Excellent acoustical insulation |
| 重量轻 | Lightweight |
| 易安装 | Easy to install |

5 年使用效果对比 Comparison after 5 years' usage



耐磨划实心板表面无划伤痕迹与污损，亦没有发生透明度降低和黄变现象，历久如新。
No scratch or yellowing on abrasion resistant sheet



其他普通实心板表面不耐划伤，使用痕迹与污损明显，透明度发生衰退和黄变现象。
Scratches and damages on other ordinary sheet, light transmission also reduced

应用领域 Typical Applications

- | | |
|------|-----------------------------|
| 安全采光 | Safety and security glazing |
| 防暴采光 | Anti-vandal glazing |
| 监狱窗户 | Prison windows |
| 声屏障 | Sound barriers |
| 安保盾牌 | Shields |
| 防护头盔 | Protective Helmets |
| 设备防护 | Machine Guards |
| 公交站台 | Bus stops and booths |

出色的安全防卫！

EXCELLENT SECURITY & DEFENSE

耐磨划板材用于建筑玻璃时可有效阻挡窃贼的强制进入，它将会拖延窃贼的破坏时间，使其放弃入室企图或被他人发现，以保护业主财产。它在有效期内不会破损或自然爆裂，用于室内隔断、场馆采光、声屏障等应用时，大大降低了意外损伤风险。

耐磨划板材极高的强度和安全性，令其在珍品展示、防护罩、透明隔离门、防弹玻璃等安防领域表现突出。

Abrasion Resistant Sheet can effectively resist vandalism and physical attack to protect the property of owners. It would not crack or burst, reducing the risk of accident when used as panels and sound barriers. The high impact strength and security of Lixin Abrasion Resistant makes it ideal material for museum showcase, protective shield, door and bullet-proof glass.



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|---------------------------|-------------------------|-----------------------|-----------------------|------------------------|
| | | | | |
| Abrasion Resistant
抗划伤 | Impact Resistant
抗冲击 | UV Protection
抗紫外线 | Energy-saving
节能环保 | Sound Insulation
隔音 |

抗化学侵蚀及耐磨划性能 Chemical resistance & abrasion resistant function

耐磨划实心板具有的特殊涂层是用来提高聚碳酸酯的抗化学侵蚀和耐磨划性能的，该涂层对锈蚀、溶剂、清洁剂等不同化学品具有持久的抵抗性，且板材表面如果被涂鸦可轻易清除。历新耐磨划实心板具有高挥发性化学制剂的工业环境采光理想选择，其卓越的抗划伤性能和超强的物理机械性能适用于众多特殊应用领域。

The unique coating on sheet's surface is the source for its chemical and abrasion resistance. This coating provides a chemical resistance durable to various materials ranging from corrosive elements and solvents to cleaning agents. Graffiti spray can be removed easily and the sheet is ideal for industrial environments where volatile chemicals are present. In addition, high abrasion resistance, when matched with mechanically superb polycarbonate, allows various specialty applications.

