

# 超薄玻璃-樹脂積層板

## Lamion™

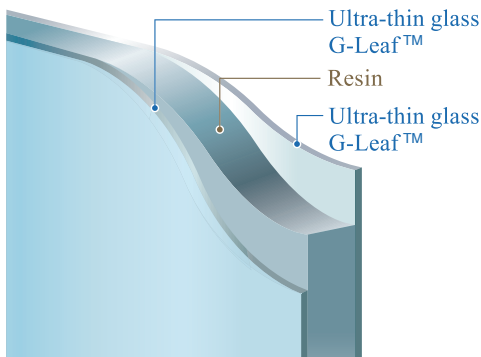
### Ultra-thin Glass Laminated on Resin

## Lamion™

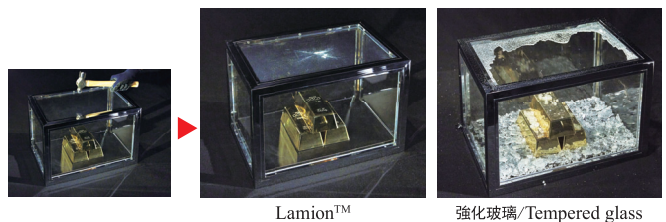


Lamion™具有耐刮傷性、氣體阻隔性、耐燃燒性等玻璃特有優異特性，是適合各種行動裝置輕量化的材料。

Lamion™ features glass-specific characteristics such as abrasion and scratch resistance, gas barrier properties and flame retardancy, and is a useful material for reducing the weight of devices.



耐衝擊試驗結果  
Results of shock test



Lamion™

強化玻璃/Tempered glass

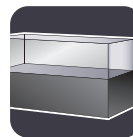
### 特色

### Features

- 輕量性
- 耐衝擊性、防止飛散性
- 耐貫穿性
- 耐結露性
- 隔音性
- 耐刮傷性
- 氣密性
- 阻燃性
- 耐紫外線性
- 低膨脹
- 可附加功能性  
表面鍍膜：AR、AG、AF  
內部嵌入樹脂薄膜：IR-Cut、加色裝飾
- Lightweight
- Shock resistance and anti-shattering
- Penetration resistance
- Condensation resistance
- Sound insulation
- Abrasion resistance (Pencil hardness : Harder than 9H)
- High gas barrier properties  
Water vapor permeation rate is lower than measurable limit.  
<math><1 \times 10^{-6} \text{g}/(\text{m}^2 \cdot \text{day})</math>
- Flame retardance
- Ultraviolet light resistance
- Low thermal expansion coefficient
- Possible functionality added  
Surface coating on glass : AR, AG, AF  
Film insertion : IR-Cut, Coloring

### 應用範例

### Applications



防盜用途 櫥窗  
Showcase  
(for crime prevention)



輕量門窗  
Lightweight  
window and door



輕量隔板  
Lightweight  
partition



顯示器保護蓋  
Display cover



工具機安全窗  
Machine tool  
window



看板  
Sign board



照明保護蓋  
Lighting cover



透明螢幕  
Transparent Screen



透明天線  
Transparent  
antenna