

## Architectural Laminated Glass

### Introduction of Morn laminated glass products

#### Laminated glass:

Laminated glass is combining two or more lites of glass permanently with one or more interlayers, the interlayer can be PVB, EVA and SGP interlayer, new products also contain dichroic films, smart films to make the glass more functional. the film can keep glass integrity and prevent potential damages, so laminated glass is also called laminated safety glass.



#### Features:

1. Acoustic. Reduce at least 30Dbs noise across the glass.
2. Aesthetic. PVB/EVA laminated can be enhanced to have beautiful colors to have more decorative function.
3. Safety: PVB interlayer can combine 2 piles monolithic when broken, decrease the injury possibility.
4. Blast-Mitigating: Multilayer float glass & PVB can be made into bullet proof glass.
5. UV-Resistance: Laminated glass provides 99% UV light blockage at the wavelength range of ~300 – 380 nanometers

Laminated Glass can be enhanced in several methods:

- ◆ **Appearance enhancement: Enhancement- Appearance**
- ◆ **Color Enhancement: Enhancement- Color**
- ◆ **Strength enhancement: Enhancement- strengthen**

Despite the original features of normal PVB laminated, new structural Glazing interlayer (Dupont SentryGlas Plus, Saflex DG41) laminated Glass has below features:

- ◆ **Extra clear colour.** SGP laminated were designed specifically to meet the demanding optical requirement typical to low iron glass applications.

Add: Room A304, Shengxifu Road, NO.209 Weihai Road, Shibei District, Qingdao, China, 266024      [MARKETING@CNMORN.COM](mailto:MARKETING@CNMORN.COM)



## QINGDAO MORN BUILDING MATERIALS CO.,LTD

Your turnkey China tempered glass/laminated glass/insulated glass supplier

◆ Superior structural capability-Hurricane proof. The SGP & DG41 laminated glass is capable of keeping glass intact ,hurricane proof.

◆ Superior resistance to delamination .Excellent edge stability.

◆ High load capability sustains safety after breakage,SGP lami is widely used in Glass floors,Glass staircases.

More knowledge:

[What's Dupont SGP?](#)

[PVB laminated glass VS SGP laminated glass](#)

[Difference between PVB,EVA,SGP interlayer](#)

[Specification of SGP interlayer](#)

### Applications:

#### Exterior Application:

Architectural Glass Facade/Spandrel, Spider Glazing-Glass Fin/Mullion, windows, Glass Canopy/Balustrade/Handrail

#### Interior Application:

Architectural Glass Steps/ Staircase, Glass Floor, Glass partition

### Production capability

◆ Overall thickness: 6mm-60mm

◆ PVB thickness options: 0.15",0.30",0.45",0.6",0.9"

### Cases



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Cooperating with China reputable laminated glass manufacturers, Morn can supply various laminated glass and would like to be your turnkey architectural glass supplier in China. Welcome contact if any questions.

Extend:

Factors that affect laminated glass quality

How to confirm the best PVB thickness for your project?

Specification of SGP interlayer

Bulletproof glass

Laminated glass-single piece thickness

Laminated glass lifetime

Glass processing-Laminated Glass processing

Tags: China, DG41 laminated glass, frosted laminated glass, laminated glass, laminated glass manufacturer, Laminated Safety Glass, manufacturer, PVB interlayer, pvb laminated glass, SGP glass supplier, SGP Laminated, SGP laminated glass, supplier



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### **About Morn Building Materials:**

Morn Building Materials Co.,Ltd is trading company offering the right facade materials for a wide range of applications for architectural,design and system requirements.Cooperating with China premium glass fabricators,Morn is able to supply whatever glass products applied in facade,Spandrel ,roof ,handrail,partition,balustrade,canopy,greenhouse,sun room ,interior exterior application.

Other facade materials:Aluminium alloy profiles,aluminium plates,aluminium windows&doors,Assa Abloy hardware,spider fitting,railing systems,shower rooms,polyurethane panels,machines&tools,steel structure, are also available since 2019.

From aesthetics, to strict environmental and energy specifications, to critical budget and delivery requirements, our input can make a difference.

### **Contact us:**

**Qingdao Morn Building Materials Co.,Ltd**

**China HQ:** Room A304,Shengxifu Road,NO.209 Weihai Road,Shibei District,Qingdao,China,266024

**Sales Email:** [marketing@cnmorn.com](mailto:marketing@cnmorn.com)

**Technical support:** [han@cnmorn.com](mailto:han@cnmorn.com)

**Mobile/Wechat:** 0086-17705464660

**Website:**<https://www.cnmorn.com/>