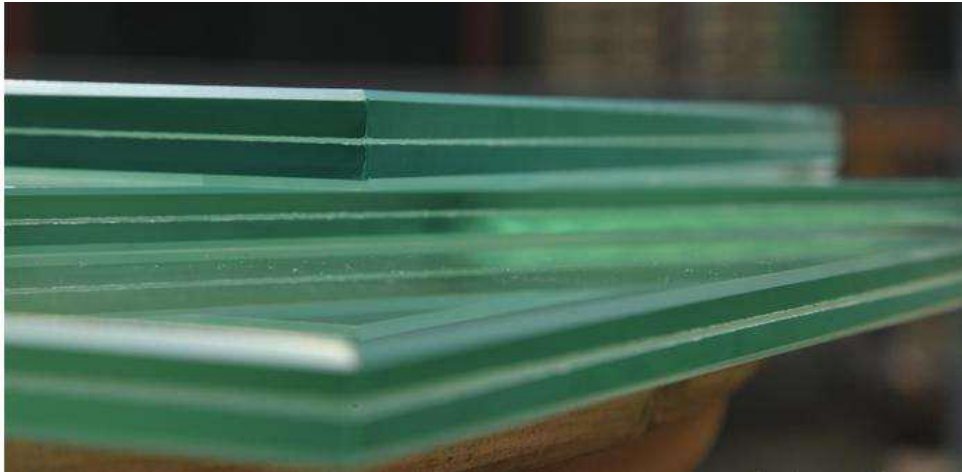


Laminated Glass-Single piece thickness

Most **laminated glass** are made with 2 piece same thickness single pieces.

Such as 21.52 PVB laminated glass,17.52mm laminated glass,12.76mm laminated glass,20.89mm SGP laminated glass,why the laminated glass shall be made with equal thickness single pieces?



1. Glass flatness. As we know that after **tempering process**, glass will have overall bow and local bow. Thin glass, especially 3mm and 4mm, will have larger overall bow, while thicker ones flatness is much better.

If we laminate 4mm glass with 6mm glass, the glass flatness difference will cause imbalance pressure, the PVB can cohere the glass temporarily, but several years after installation, delamination will happen.

The another result of the glass flatness is: Some glass manufacturers have very bad tempering quality, glass overall bow and local bow is near or exceeds the standard requirement, when laminating different thickness tempered glass, the non-conforming ratio will be very high, the typical problems are: Bubbles at glass edge and glass center, the costs are higher than equal thickness laminated glass.





2. Glass strength.

QINGDAO MORN BUILDING MATERIALS CO.,LTD

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

Thicker glass has higher strength, if the two glass made of laminated glass has different thickness, the strength difference will decrease the overall strength of the laminated glass.



Morn can supply all kinds of PVB and **SGP laminated glass**, no matter tempered or anneal laminated glass, we suggest designers and clients use equal thickness glass to make laminated glass.

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

Tags: 12.76 laminated glass, 17.52 laminated glass, 20.89 SGP laminated glass, 21.52 PVB laminated glass, anneal laminated glass, glass flatness, glass manufacturers, glass overall bow, laminated glass, SGP laminated glass



QINGDAO MORN BUILDING MATERIALS CO.,LTD

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

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

Technical support: han@cnmorn.com

Mobile/Wechat: 0086-17705464660

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