

Glass Configuration

VACUUM GLASS

=
3mm CLR+0.15V+3mm LoE
4mm CLR+0.15V+4mm LoE
5mm CLR+0.15V+5mm LoE
6mm CLR+0.15V+6mm LoE

VACUUM HYBIRD GLASS

=
VACUUM LAMINATED GLASS
VACUUM INSULATED GLASS
VACUUM LAMINATED IGU

LIGHT

Transmission

Selectivity

ENERGY

Solar Factor (g)
Shading Coefficient (SC)



Standard: EN 12150-2: 2004 EN 1449:2005 EN 1279-5:2018

LIGHT PROPERTIES

Light Transmission	[%]	78
Light Reflection	[%]	13
Internal Light Reflection	[%]	12

Solar Factor (g)		
Shading Coefficient (SC)		0.65
Selectivity		--

THERMAL PROPERTIES

U Value(double panel LowE)	W/(m ² · K)	0.43
U Value(Single panel LowE)	W/(m ² · K)	0.57

STC

STC Value	DB	37
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DIMENSION OF VACUUM GLASS

Min Size	180X220MM / 200X200MM
Max Size	1500X2500MM

REMARKS

- SHAPED GLASS CAN BE PRODUCED ;
- PANEL SIZE OVER 2.0 SQUARE METER ,CAN BE PRODUCED ;
- PANEL SIZE LESS THAN 0.5 SQUARE METER, IT SHALL BE CALCULATED AS 0.5 SQM ;
- RATION USE FOR MAXIMUM : 1:6MAX ,IF MORE THAN 1:6 MAX ,EVERGREEN GLASS WILL NEGOTIAGE EACH;
- IF ORDER QUANTITY LESS THAN 150SQM EVERY BATCH , NEED COSTS FOR PACKING & PORT CHARGE ;
- IF PANEL MORE THAN 1500X2500MM ,THAT CAN BE PRODUCED VACUUM GLASS WITH PLUGS&GREEN EDGE .MAX SIZE : 3200X2000MM.

[conformity]

The data are calculated using spectral measurements that are conform to the above-mentioned standard.

This document is no evaluation of the risk of glass breakage due to thermal stress.

For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by Evergreen Glass. The heat soak test is available on request.

Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice.

Evergreen Glass cannot be held responsible for any deviation between the data introduced and the condition onsite.

This document is only informative, in noway it implies an acceptance of the order by Evergreen Glass.



Jinan Evergreen Glass Co Ltd

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Vacuum Glass Q and A

Vacuum Glass is a new type of glass that has two panels separated by a vacuum space. Glass powder (which are same materials with glass) sealed the vacuum glass edge , 2 pieces glass integrate with one panel.

Vacuum glass can stop the heat transfer , has anti-frost evaluation , isolation ,super-thin and light, long service life . JINAN EVERGREEN GLASS study vacuum glass more than 10 years , And We testing 1 piece by piece before delivery .

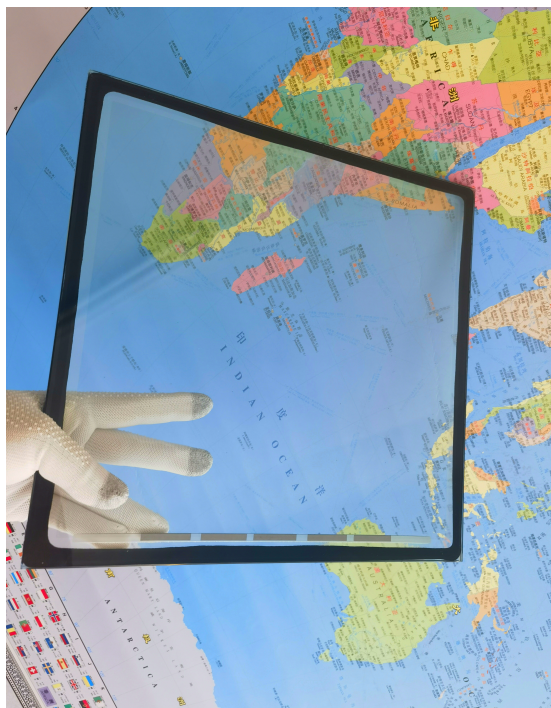
EVERGREEN GLASS WILL BRING BEST ENGERTY- SAVING VACUUM GLASS.

Standard: EN 12150-2: 2004 EN 1449:2005 EN 1279-5:2018

Yes /No

Tempered yes/no	Yes
Plugs yes/no	No
Other Markings	No
Testing Before Delivery	Yes
Can be produce Vacuum IGU/Laminated	Yes
Certificate of EU	Yes

Vacuum Glass Structure



Warranty: 15years

Estimated Lifespan: 30years

Unit Make Up: clear glass FT/HS+0.15V+clear Lowe FT/HS

Vacuum Space thickness: 0.15mm

Sealing color: Black or green

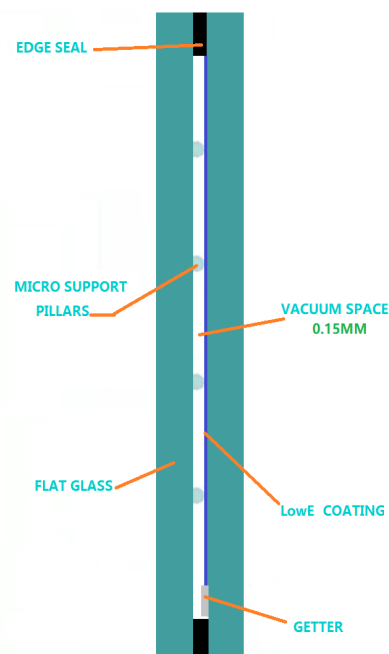
U-value :0.57W/m2·K for Clear glass+Lowe glass

U-value :0.43W/m2·K for Lowe glass+Lowe glass

Getters location: strips , at the width bottom

Distance between microspacers: 40mm

Processing Method : one-step processing



VACUUM GLASS HAVE ITS MANUAL INSTRUCTION , FOR PREVENT BREAK AND MORE LOSS .
PLEASE FELL FREE TO CONTACT WITH US IF NEED THE MANUAL INSTRUCTION .



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