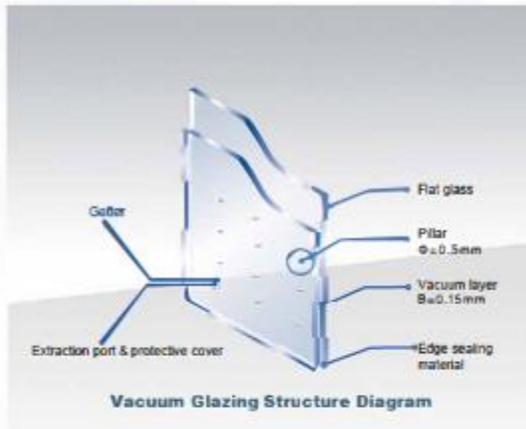


VACUUM INSULATED GLASS



What is "Vacuum Glazing"?

Vacuum glazing consists of two glass panes separated by a narrow evacuated space in which an array of support pillars is placed and the edges of the glass panes are sealed. The vacuum degree of VG is 10^{-2} Pa.

Vacuum glazing is the best energy conservation transparent material in the world with high efficiency getter, which designed service life is 50 years.

Core Technology:

- Particular encapsulated getter: guarantees the lasting and stable vacuum degree of product
- Exclusive metal ring shape pillar: guarantees the flatness and hardness of vacuum glazing
- Self developed inspection equipment: checks quality of each piece of vacuum glazing.



Synergy's Vacuum Glazing

Heat Transfer Coefficient U Value: .05 ~0.12 BTU

Thickness of vacuum layer: 0.15~0.2mm

Sealing: No lead Frit

Size of VG: max. 72x120" min. 16x16" (Automatic line)

max. 2400x1600 (mm); min. 300x300 (mm) (Semi-automatic line)

Able to produce normal and heat strengthened vacuum glazing, vacuum glazing combined with insulation and/or lamination.

World FIRST fully automatic vacuum glazing production line

From cutting, polishing, drilling, washing and tempering to finished vacuum glazing products, all use world most advanced production, equipment.

Annual capacity of Vacuum Glazing reaches 500,000m²

