

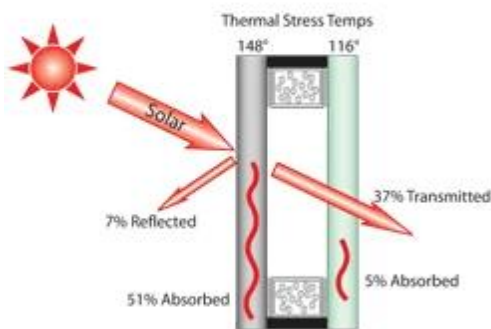
SGG solar control Low-E laminated glass 10.38mm supplier and manufacturer in China

Low-E laminated glass 10.38mm is produced similar to the process of clear laminated glass. It consists of a 5mm low-e coated glass and a 5mm clear float glass laminated with PVB film. With the lamination process, low-e laminated glass has advantages of high security, also has the benefits of low-e glass function, which is solar control and low emissivity. It is always used for external of building for solar control.

LOW-E glass VS Tinted glass or Reflective glass

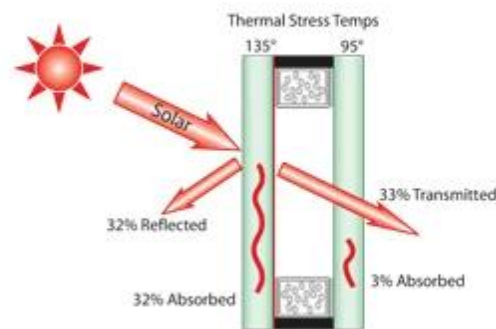
Before low-e glass, people choose tinted glass or reflective glass to reduce solar heat transmit into the rooms. But tinted glass (heat absorbing glass) needs heat treatment to enhance the strength and may reradiate the absorbed heat. Reflective glass (heat reflective glass) reduce heat but reduce the visible light as well. However, low-e coated glass reflect solar energy from the glazing without requiring heat-treatment, and generally have lower visible light reflection.

GRAY INSULATED GLASS UNIT



Tinted Glass (heat-absorbing glass)
1/4" gray float glass outboard / 1/4" clear inboard
Tvis = 42% SHGC = 0.48

HIGH-PERFORMANCE COATED IG UNIT



Low-E Glass (heat-reflecting glass)
1/4" clear w/SunGuard SuperNeutral 68 outboard / 1/4" clear inboard
Tvis = 68% SHGC = 0.38

Low-E Laminated glass VS single pane low-e glass glazing

Laminated glass provides high protection from serious injury from broken glass. When broken occurs, glass will not fall down to the floor, but stuck to the PVB film and stay in window before replacement ready. So it not only take advantage of solar control, but also high security.



Specifications:

1. Thickness range: 6.38mm, 8.38mm, 10.38mm, 12.38mm
2. Color (on line coated): high transmittance (clear), light grey, light blue
3. Color (off-line coated): customized colors
4. Standard size: 2140*3300, 2134*3300

Application of low-e laminated glass

1. glass windows, glass doors
2. low-e laminated glass can consists of double glazed insulated glass for facade and curtain wall

Sun Global Glass Service:

1. on-line and off-line low-e glass production
2. high transmittance low-e glass production
3. package: firmly wooden crates package, paper inserts for scratch proof
4. delivery: 7-10 days

Product Picture:**Package of 10.38mm low-e laminated glass:**





Production:



LOW-E line



Lamination line