

SGG Energy Saving Curved Insulated Glass Units, Air Spacer 6A, 9A, 12A, 15A, 20A

Curved Insulated Glass (IGU glass) is made by two panes of glass separated by aluminium spacer, which is filled by dry air or inert gas. Then sealed the glass and spacer by butyl glue, sulfur glue, or structural sealant. This separating spacer reduced the outside temperature transfer into the room, as well as sound insulation. The thicker spacer, the better function.

Specifications:

1. Glass type: clear glass, tinted glass, reflective glass, low e glass, tempered glass, laminated glass etc.
2. Glass thickness: 5mm+5mm 6mm+6mm 8mm+8mm etc
3. Aluminum spacer thickness: 6A 9A 12A 15A 20A
4. Gas in air spacer: Air or argon gas
5. Glass color: Clear, ultra clear, bronze, blue, green, gray, etc
6. Max size: 2700x3700mm
Min Size: 180x350mm
Custom sizes based on customers requirements
7. Insulated glass composition: Clear tempered glass + low e tempered glass/reflective tempered glass/tinted tempered glass etc

Features:

1. Solar energy saving function: insulated glass has a good function of heat saving.
2. Preventing radiation heat: Insulated glass can prevent radiation heat, reduce dizziness of sunset and sunlight.
3. Various colors and artistic performance; insulated glass can be produced by any types of colored glass and the colored insulated glass achieve artistic effect.
4. Keep indoor constant temperature and humidity: insulated glass can keep inside temperature constant in some degree.
5. Sun protection: insulated glass has a good function against sun shine and protect humans from sun irradiation.

Applications:

Reasonable structure and design to meet the standards of insulated glass, As hollow glass has good

insulation function(such as proof noise, security, proof fire). Insulating glass is widely used for buildings that have requirement for heating, air conditioning, noise or condensation protection and avoid from direct sunlight and special light radiation.

- 1.Residential window & doors
- 2.Office buildings curtain wall and facade

Quality Control:

Insulating glass is used for outer building decoration. Due to its optical properties, thermal conductivity, sound insulation coefficient, our Insulated glass Conforms to the following international standards of Europe, North American and China: ISO9001, CCC, CE, BS6206, EN12510, ANSI Z97.

Product Details:

Product pictures of Curved Insulated Glass Curtain Wall:



Low e insulated glass performance:

| SGG ONLINE LOW-E IGU GLASS DATA | | | | | | | | | | |
|---|-----------|------------------|---------|--------|----------------|-------------|-----|---------|--------|------|
| Single 2 # | Thickness | 可见光Visible Light | | | 阳光Solar Energy | | | U值 | 太阳得热系数 | 遮阳系数 |
| | LT% | LR% | | 投射率 % | 反射率 % | UV透射率% | | | | |
| | | | | | | | | | | |
| Monolithic | mm | Transmittance | Outside | Inside | Transmittance | Reflectance | TUV | U Value | SHGC | SC |
| Clear glass +12mm spacer + SGG LOW-E GLASS Same Thickness, 2# | 3 | 75 | 17 | 18 | 59 | 15 | 45 | 1.9 | 0.65 | 0.75 |
| | 4 | 74 | 16 | 17 | 56 | 14 | 42 | 1.9 | 0.63 | 0.73 |
| | 5 | 74 | 17 | 17 | 55 | 14 | 41 | 1.9 | 0.63 | 0.73 |
| | 6 | 73 | 16 | 17 | 52 | 13 | 37 | 1.8 | 0.62 | 0.71 |
| | 8 | 71 | 15 | 16 | 47 | 12 | 32 | 1.8 | 0.58 | 0.67 |
| | 10 | 69 | 15 | 16 | 43 | 12 | 29 | 1.8 | 0.56 | 0.64 |
| | 12 | 68 | 15 | 16 | 39 | 10 | 28 | 1.9 | 0.54 | 0.62 |

Production Line:



Package and Loading:



Our Projects:

Philippines
Avida Centera
in 2014



Philippines
AVIDA TOWERS
in 2015



Our promise is that you receiving Curved Insulated Glass Curtain Wall with high quality and safety condition from us.