

Luxurious 1 inch golden reflective double glazed sealed units for facade windows

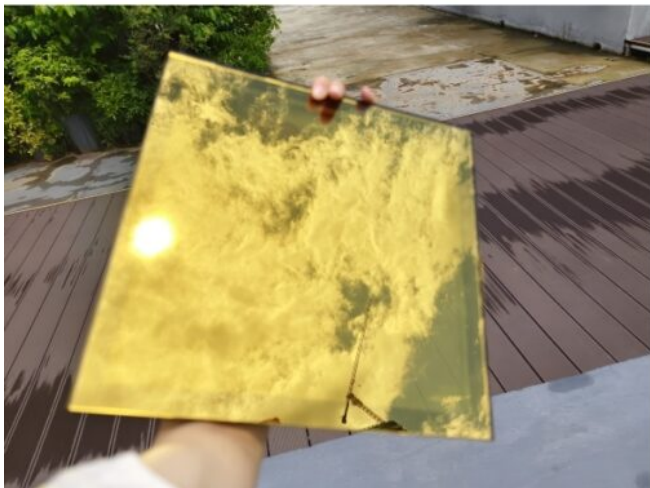
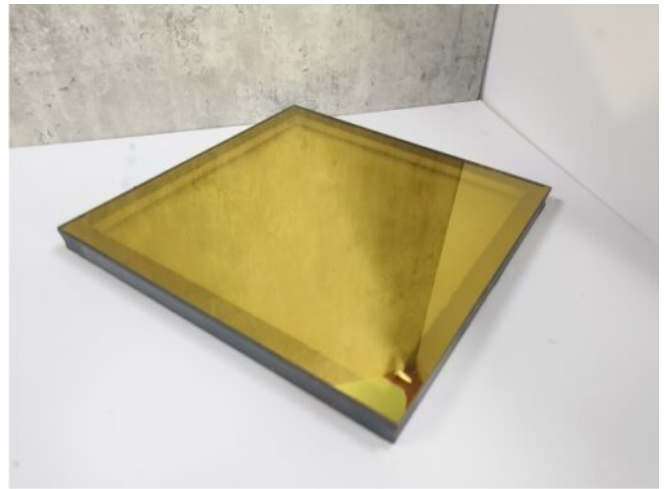


What is 1 inch golden reflective double glazed sealed units□

As we know, 1inch = 25mm, our 1 inch golden reflective double glazed sealed units for facade windows is a type of window glass made up of 6mm Low-E coated golden glass panes and another 6mm glass panes, that are separated by 12A spacer

sealed chamber and filled with air or other gases.

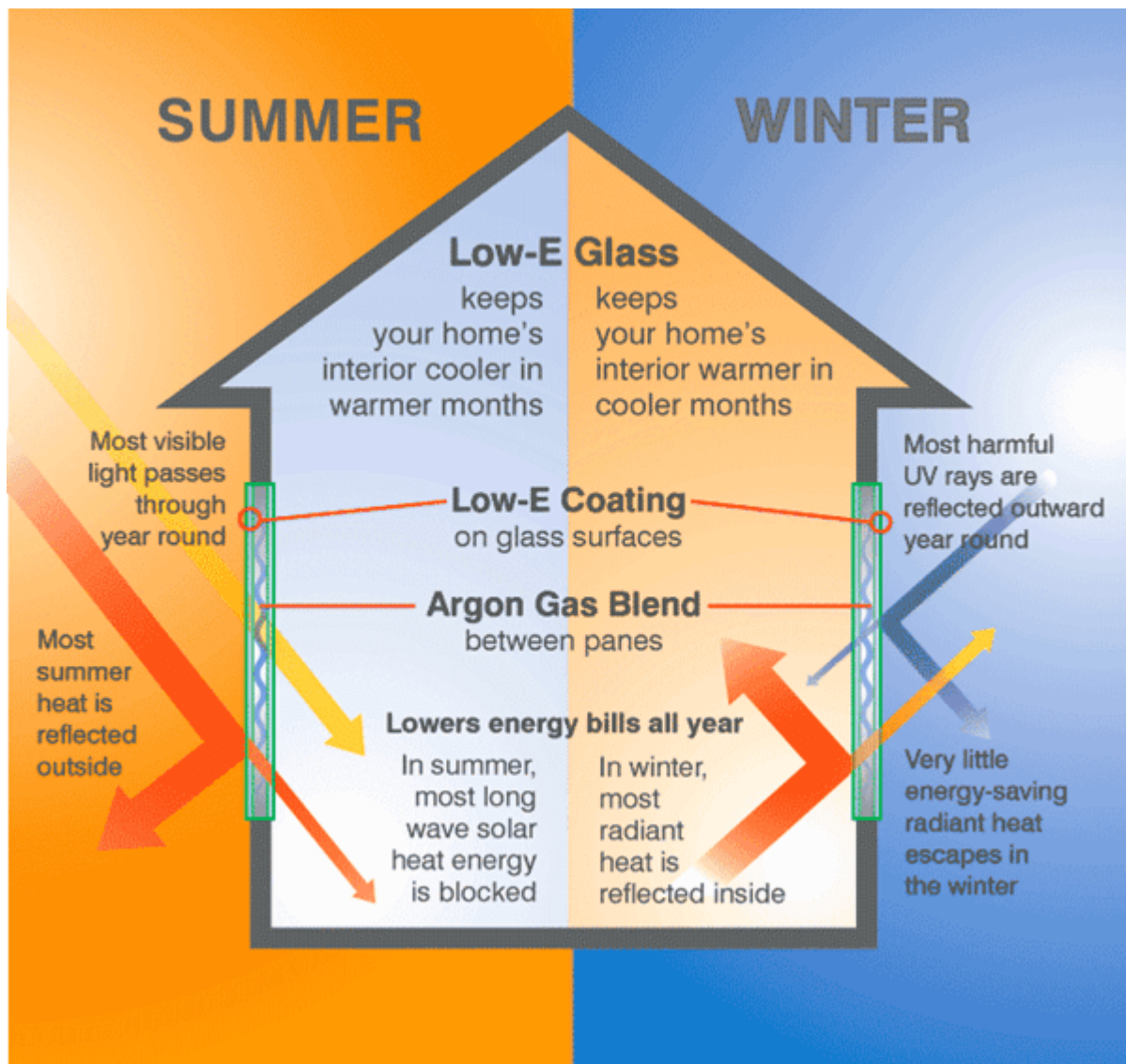
These Low e glass windows are designed to reduce heat transmission and improve energy efficiency while allowing for increased natural light inside the building. The added reflective glass of the gold coating minimizes the amount of sunlight entering the room, helping to keep it cool while still allowing the room to be filled with natural light.



How does reflective glass work?
Does reflective glass work at

night?

Our golden reflective double glazed sealed units Low e glass windows work by treating light and heat in different ways.



summer day VS winter night

On hot summer days, light can pass through, but the heat from the Sun will reflect back out again. Reflective glass lets visible light pass through it virtually unimpeded, but the metallic coating reflects longer-wavelength infrared light very effectively, much like a mirror. So sunlight enters your home as normal, but "sun heat" is reflected back out again.

On cold winter nights, more of the heat generated inside your home will stay there instead of leaking out through your windows. Now there's an air (gas) gap between the double-glazed sealed units, so heat can't easily escape by conduction or convection. But the warm inner pane gives off infrared radiation, which radiates through the gas between the panes to the cold glass of the outer pane and the cold night beyond. If you have heat-reflecting glass, something different will happen. It'll travel out in straight lines to your Low-E glass windows and the metallic coating will reflect most of it straight back into the room!

How to produce 1 inch golden reflective Low E glass for facade windows?

6mm Low-E coated glass and 6mm clear glass are separated by a 12A spacer and sealed together at the edge. The insulating airspace is filled with dry air inside to slow the heat exchange and reduce noise levels. The aluminum spacer is filled with silica desiccant pellets to ensure the removal of any moisture in the airspace.

Shenzhen Dragon Glass's two best-selling golden-coated glass for your reference. Of course, we have our own coating line, which can meet more colors and performance requirements of your windows. For more details about single-panel golden glass, you can check our [previous articles](#).

Features:

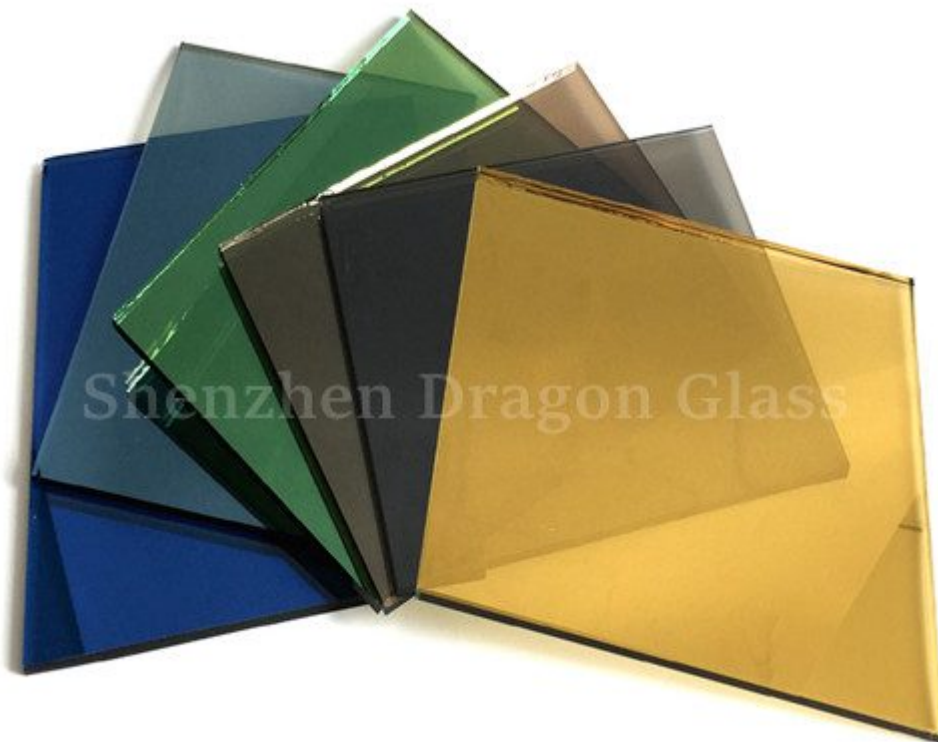
For those people who are eco-friendly and believe in energy efficiency, opting for a Low-E coated double-glazed window can be the best choice! There are many benefits and advantages of using these types of glass.

- **Appearance:** Golden Low-E coated double-glazed gives a building a mirror-like appearance. They can be combined with tinted glass to give a building a beautiful exterior.
- **Visibility:** Golden Low-E coated double-glazed permits you to see through the glass on one side, but not the other
- **Energy savings:** Because it reflects and absorbs the sun's rays, golden Low-E coated double-glazed reduces the amount of solar radiation that enters the building. This can save money on heating and air-conditioning costs.
- **Comfort:** Golden Low-E coated double-glazed reduces variations in the interior temperature of a building.

What is the difference between golden tinted glass and golden reflective glass?

Golden Tinted Glass□

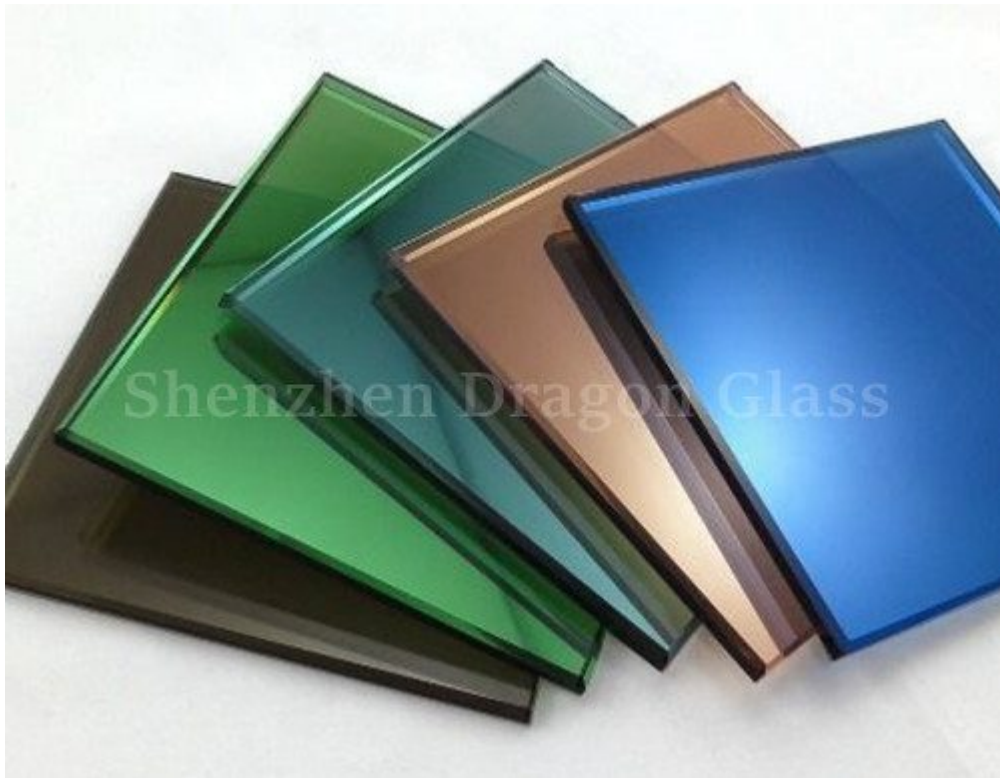
Golden-tinted glass is heatproof glass. It absorbs the sun's energy to control the radiation. If your windows allow the sun to penetrate, it can lead to rising temperatures. Golden tinted glass can reduce the amount of heat that flows into your building. Depending on the type and thickness of tinted glass can absorb up to 45% of the solar heat. It can also create less visible light transmission and offer a soothing environment.



Golden reflective Glass□

One of the major benefits of golden reflective glass is that it is heatproof. Not only is it beautiful to look at, but it is also energy efficient. Reflective coating on windows is a durable material that has solar control technology. As the sun

hits the glass, it cannot penetrate fully and reflects off it. This reduces the heat that enters the building. Reflective glass provides less glare and can protect you and your employees from harmful UV rays.



Specifications:

- **Production name:** 1 inch golden reflective double glazed sealed units;
- **Glass thickness:** 1 inch; 25mm; Other thicknesses are also available;
- **Glass colors:** Golden; Other colors are also available;
- **Glass types:** Insulated heat reflective glass;
- **Glass shapes:** Flat/curved;
- **Max size:** 3300*13000mm

- **Min size:** 400*900mm;
- **Quality:** Subject to CE/ASTM/ISO9001/AS, etc;
- **Packing:** Strong plywood crates;
- **Free samples:** Within 5 days;
- **Production time:** 7~10 days;
- **Capacity:** 10000 SQM/day.

Quality:

- Subject to BS
- Subject to AS
- Subject to ASTM
- Subject to CE

Applications:

Golden Low- E coated on windows can work well with several architectural elements, from metal panels, and spandrels to frames. It is a dynamic architectural element in that its appearance changes with any change in the sky. Best of all, it has a natural sheen and glossy finish, making it a visual delight.

Golden Low- E coated glass windows can then be incorporated into almost any glass unit that is required for the project. This includes insulated glass units (like double and triple-glazed units), laminated glass units, and stepped and complicated glass units.

Here are some typical applications of Golden Low- E coated windows glass.



golden Low- E double glazed sealed units facade windows



golden Low- E glass facade windows

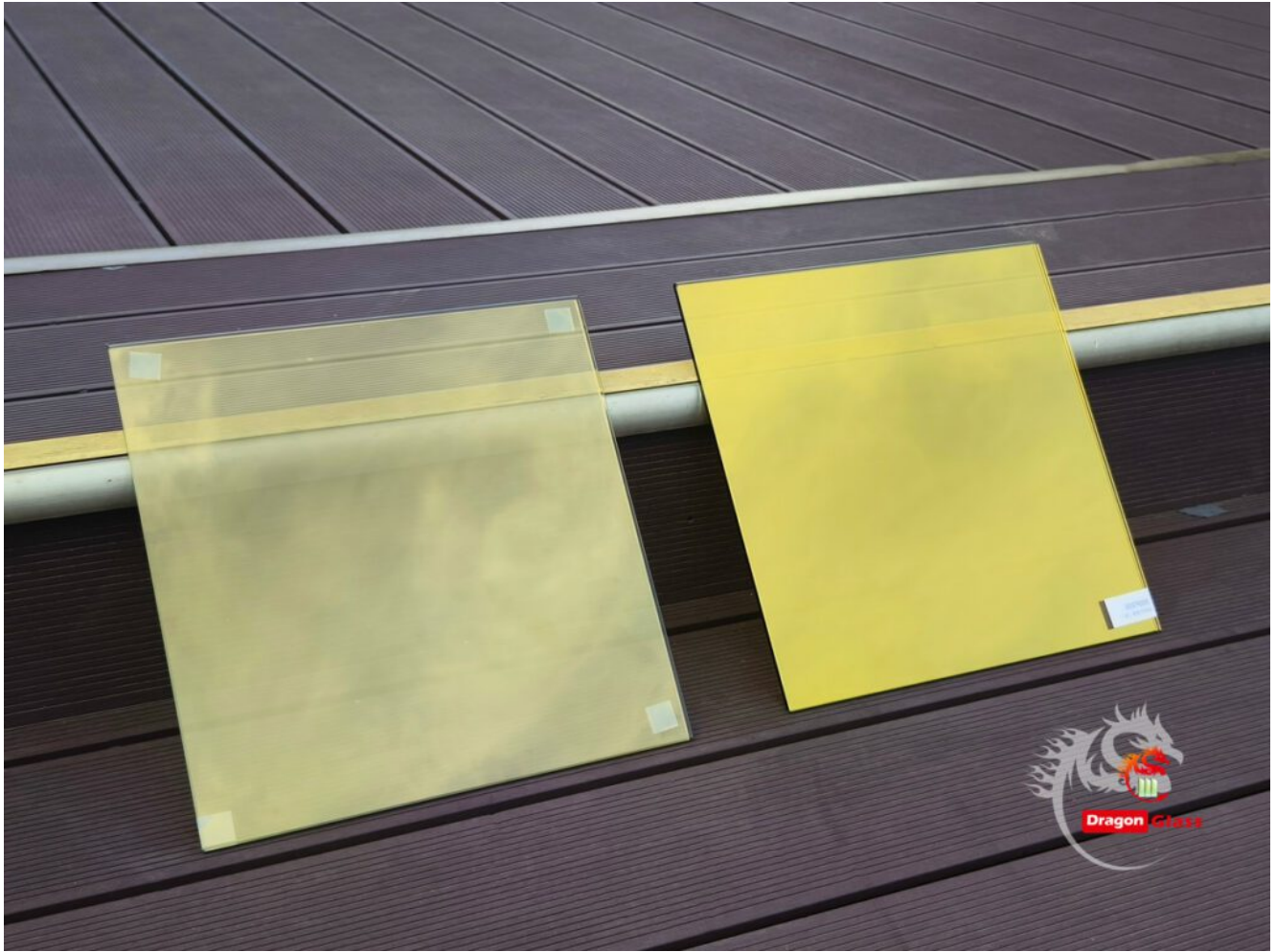


golden Low- E glass facade windows

Production details:



coating line



golden reflective glass



golden reflective glass

Packing and delivery:



sturdy plywood crates to ensure safety during long-distance transportation

The facade window specialists team at [Shenzhen Dragon Glass](#) can help by selecting the right golden reflective double glazed sealed units for your facade windows. We always guarantee the quality of our products and deliver on time, ensuring your glass work is done right, on time, and within budget. Contact Shenzhen Dragon Glass for a free quote on golden-coated reflective facade windows.