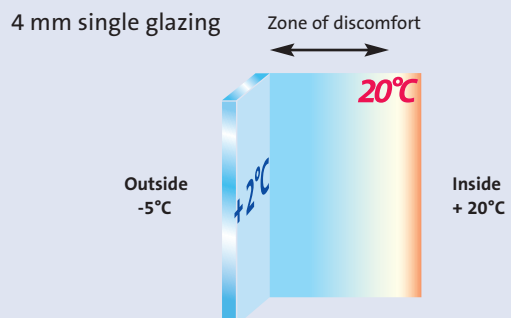
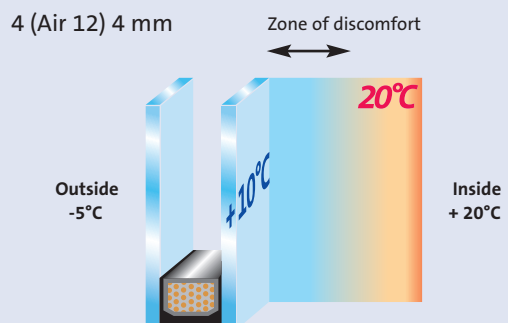


Temperature of the inner pane of glass

Clear float single glazing



Standard clear float double glazed unit



Double glazed unit with SGG PLANITHERM FUTUR N

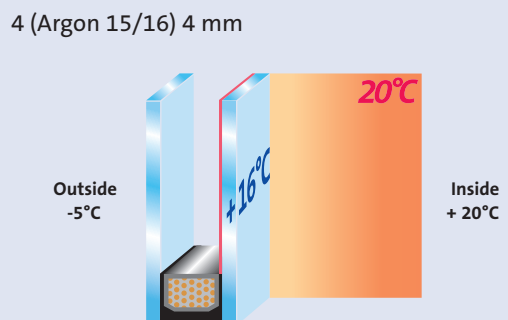


FIGURE 2



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www.saint-gobain-glass.com

Typically, how much money can I save on heating?

By switching from single glazing to double glazing incorporating SGG PLANITHERM FUTUR N you can reduce your heating bill by more than 15%,

**a saving of up to
£85 per year!**

This is based on a typical Midlands, 1935, semi-detached, solid-wall property with a mains gas boiler running 9 hours a day and maintaining 21°C in the living room and 18°C elsewhere. These figures are illustrative and have been calculated by Government authorised Elmhurst Energy Systems Ltd, using the Government's SAP calculation.

Distributor

SAINT-GOBAIN GLASS, SGG PLANITHERM, SGG PLANITHERM FUTUR N, SGG PLANITHERM TOTAL 1.3 SGG BIOCLEAR, SGG DECORGLASS, SGG SECURIT, SGG STADIP, SGG STADIP SILENCE, SGG COOL-LITE ST150 and all devices and logos are registered trademarks of Saint-Gobain.

SAINT-GOBAIN
GLASS

SGG PLANITHERM®
Family of Products



High performance thermal
insulating glass

Now including SGG PLANITHERM TOTAL 1.3

Save money and energy with glass!



SAINT-GOBAIN GLASS COMFORT

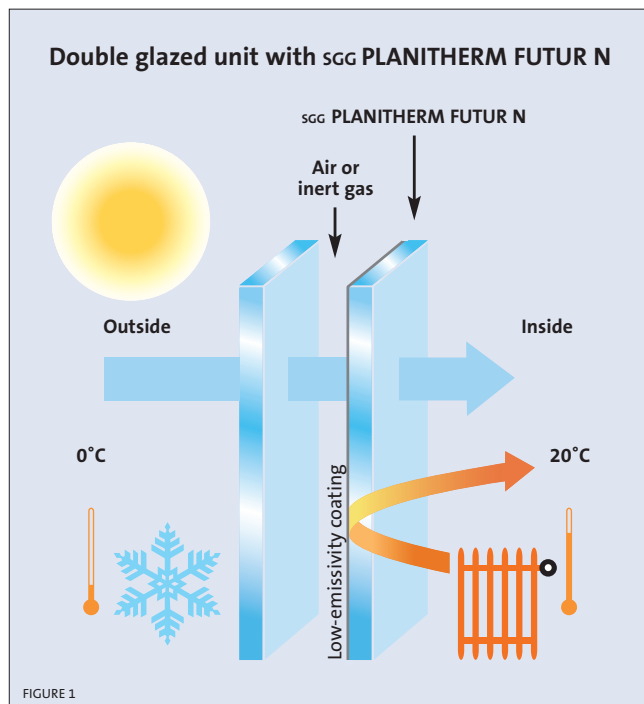
SGG PLANITHERM®

The SGG PLANITHERM family of products are technically advanced types of glass, specifically designed to help insulate your home by keeping as much heat inside as possible.

Glass of this type is commonly known as thermally insulating glass, low emissivity glass or low-E glass, for short.

How does SGG PLANITHERM work?

SGG PLANITHERM glass has a transparent metallic coating on one side. This coating reflects the heat generated inside your house back into the room, rather than allowing it to escape through the window. At the same time, it allows optimum amounts of sunlight to pass through the window.



Where can SGG PLANITHERM be used?

SGG PLANITHERM can be used in any double glazing application, so it is ideal for:

- windows and skylights
- patio doors, french doors, other external doors
- conservatories and sunrooms

The glass must be used in a **double glazed** window so that the special reflective coating, which is always placed inside the cavity, is protected from any damage.

Government Building Regulations also require us to save energy to help protect the environment. Using low-E glass, such as SGG PLANITHERM is the most efficient way to do this with glazing.

Why use SGG PLANITHERM glass instead of traditional thermally insulating glasses?

SGG PLANITHERM is a high performance thermally insulating glass and gives:

- **Better thermal insulation** – reducing heat loss further, saving you even more money on heating bills.
- **More comfortable rooms** – better insulation means fewer cold spots and drafts near windows or doors.
- **Less condensation** – the inner surface of the glass stays warmer (see figure 2 overleaf) thereby reducing the likelihood of condensation.
- **Less of a tint to the glass** – this gives clearer vision through your windows and means your curtains or Georgian Bars do not look dirty or discoloured.
- **More light** – less tint also means more light can enter the room, making a more comfortable environment and reducing the need for extra lighting inside.
- **Less chance of 'haze' (dusty effect)** – this effect is more common with traditional types of thermally insulating glass due to the way it is manufactured.
- **Environmentally friendly** - less need for heating helps to reduce energy consumption.

SGG PLANITHERM®

Do windows with SGG PLANITHERM require special maintenance?

No! The glass is always positioned so that the coating is on the inside of the unit, so they can be cleaned in the same way as standard windows.

Can SGG PLANITHERM be combined with other types of glass?

It can! Double glazed windows can be manufactured using a combination of products to give a variety of different properties:

Additional Property:	Combine SGG PLANITHERM with:
Low maintenance	SGG BIOCLEAR self-cleaning glass
Solar control	SGG COOL-LITE ST150 solar control glass
Safety	SGG SECURIT toughened glass
Security	SGG STADIP laminated glass
Acoustic insulation	SGG STADIP SILENCE laminated glass
Privacy	SGG DECORGLASS patterned glass

