

# Sliding glass doors & Windows from Saint-Gobain



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Both transparent and protective!

Glass is one of the most important component of a window or a sliding glass door and makes a huge difference in providing comfort, energy savings and protection.

Glass has long been used to create transparent walls, allowing the natural light and heat of the sun's rays to enter while protecting from drafts and maintaining the building's internal temperature as effectively as possible.

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Windows and sliding glass doors for the home bring many benefits. From a simple clear window still used in certain dwellings, [double glazing](#) (now referred to as Enhanced Thermal Insulation), or even triple-glazing have considerably improved the performance of clear glass to provide even more advantages in terms of

thermal and noise insulation, the protection of people and property, and even easier maintenance and privacy.

Depending on your needs different products from Saint-Gobain Building Glass Europe can be selected for optimum window performance, helping keep interiors warmer and saving you money in the process.

### **How do I choose my windows?**

- Understanding the various criteria for choosing a window or a sliding glass door
- Select the most appropriate solution for your needs according to each of the criteria.

### **The main selection criteria for glazing for windows and sliding glass doors homes are:**

#### **Energy saving**

Lower your energy bills with our products. Installing energy efficient windows that not only block the heat loss but also provide daylight and solar gain can save you up to 28% per year on your heating bills compared to old windows and frames.

Our own research has shown that many homeowners are unaware of the performance differences between different types of window glass, instead assuming that all double glazing is equally energy efficient. In reality, there are significant differences in performance with the type of glass used being key.

#### **Stay cooler in summer**

Solar control glass can be used to keep interiors more comfortable by preventing excessive heat build up in sunny weather without the need for costly air conditioning or blinds.

#### **Easy maintenance**

Put the chore of window cleaning behind you thanks to low-maintenance and easy maintenance glass! A transparent coating on the outside of the glass harnesses the power of both sun and rain to efficiently remove dirt and grime.

#### **Noise reduction**

Acoustically insulating glazing can help keep noise outside so you can enjoy your living space in peace and quiet. Noise pollution is a serious issue, particularly when living in an area with high levels of air traffic or busy roads. Too much noise can be damaging to health (increased stress, disrupted sleep). It can also hinder academic learning and concentration.

#### **Safety and security for house windows**

We propose a wide range of glass allowing you to fill interiors with light whilst offering total safety and security.

Safety glass, which can either be toughened or laminated depending on where and how it is being used, protects from the risk of serious injury caused by accidental breakage or impact. When it breaks, it breaks safely thus protecting against the risk of serious injury.

Enhanced security glass helps protect against break-in attempts or vandalism by delaying or even preventing penetration through the glass in the event of forced break in or damage.

## Possible Associations



SAFETY AND SECURITY FOR RESIDENTIAL WINDOWS



Self-cleaning glass from Saint-Gobain



Saint-Gobain Acoustic insulation glazing





Energy efficient glass from Saint-Gobain



The benefits of Saint-Gobain double glazing

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