

# A cooler home on hot summer days with Guardian Sun™ glass

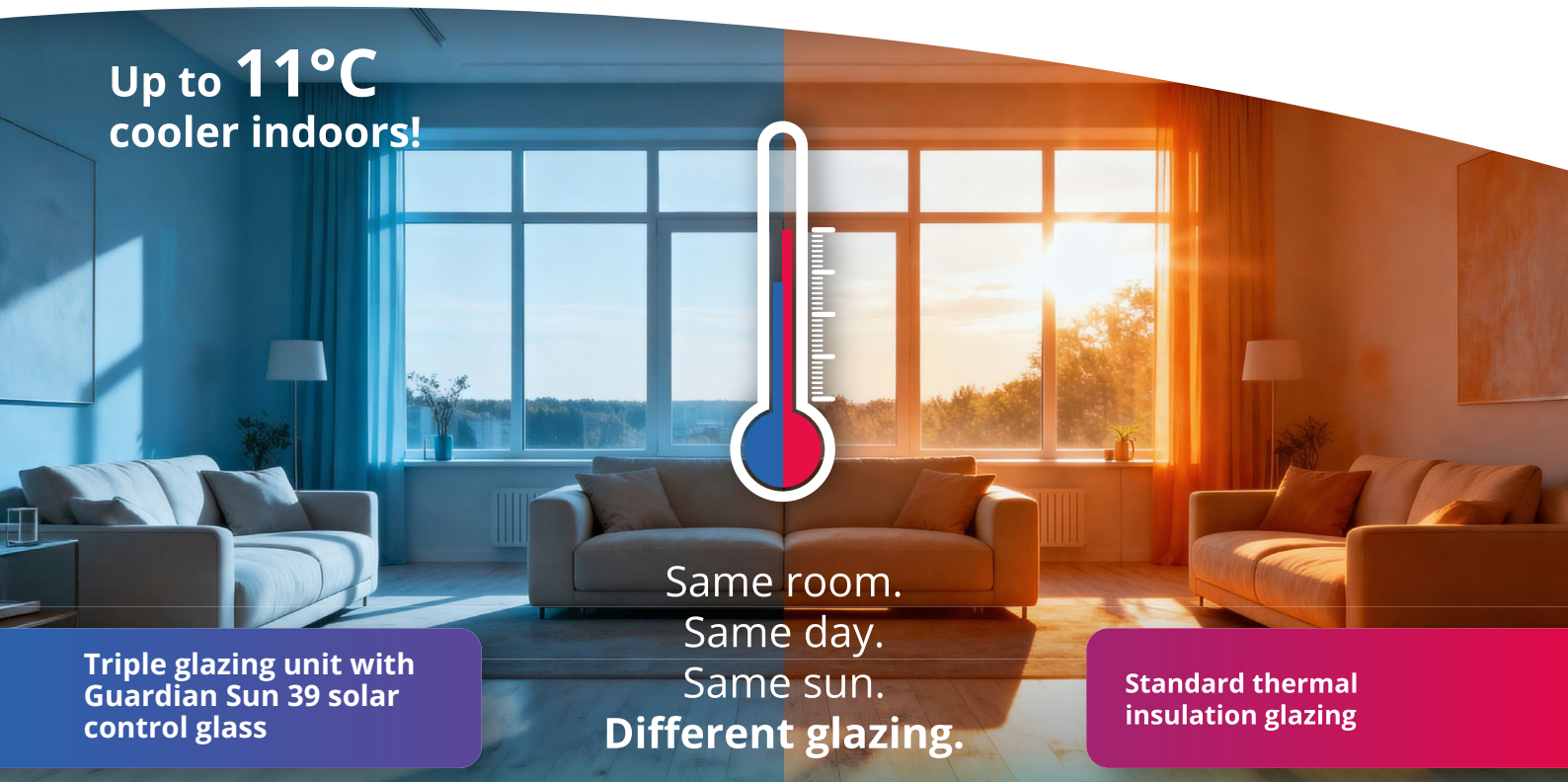


Rooms exposed to the sun can quickly become uncomfortable in warm weather. Many homeowners close blinds to limit heat — reducing daylight and views — while still relying on fans or air conditioning.

**Choosing the right glazing can make a real difference to your comfort at home!**

Independent tests conducted in **Wrocław** show that glazing with **Guardian Sun™ 39** glass can significantly reduce indoor temperatures on hot summer days. The study compared two identical rooms at the same time and in the same location.

**Up to 11°C cooler indoors!**



Same room.  
Same day.  
Same sun.  
**Different glazing.**

**Triple glazing unit with Guardian Sun 39 solar control glass**

- Solar heat reduced before it enters, helping keep rooms cooler
- Helps reduce or even avoid the need for cooling in some cases
- Visual comfort with daylight and views, with less need for blinds

**Standard thermal insulation glazing**

- Strong solar heat entering the room, leading to uncomfortably high indoor temperature
- Cooling systems may be needed to maintain comfort
- Often requires blinds to limit heat, reducing daylight and views

## Planning new windows or a renovation?

Ask your window joinery specialist about Guardian Sun glass – designed to help maintain a comfortable temperature in your home all year round, and customisable with safety, security, acoustic comfort and other solutions.

Based on an independent simulation study conducted in Wrocław by Group14 Engineering, comparing two identical rooms with triple glazing – one with Guardian Sun 39 glass and the other with a standard double-glazed thermal insulation unit – under identical building and climate conditions, according to the report "Energy Modeling of Internal Room Temperatures For Guardian Glass, Phase 2, 16 December 2025".