



## Climavit® Insulated glass

Solutions / Driver and Passenger Experience / Climavit



Insulated glass for the best insulation of the vehicle.

- ☑ Minimize energy expenses
- ☑ Efficient thermal insulation
- ☑ Possibility to add coatings

### Specific Markets



## Climavit® Double Glass Unit in details

Climavit® is the consolidation of two panes of glass spaced by a bar and fixed with a sealant forming a single airtight. By combining two sheets of glass, we can offer solutions to different problems: thermal comfort, noise comfort, and safety.

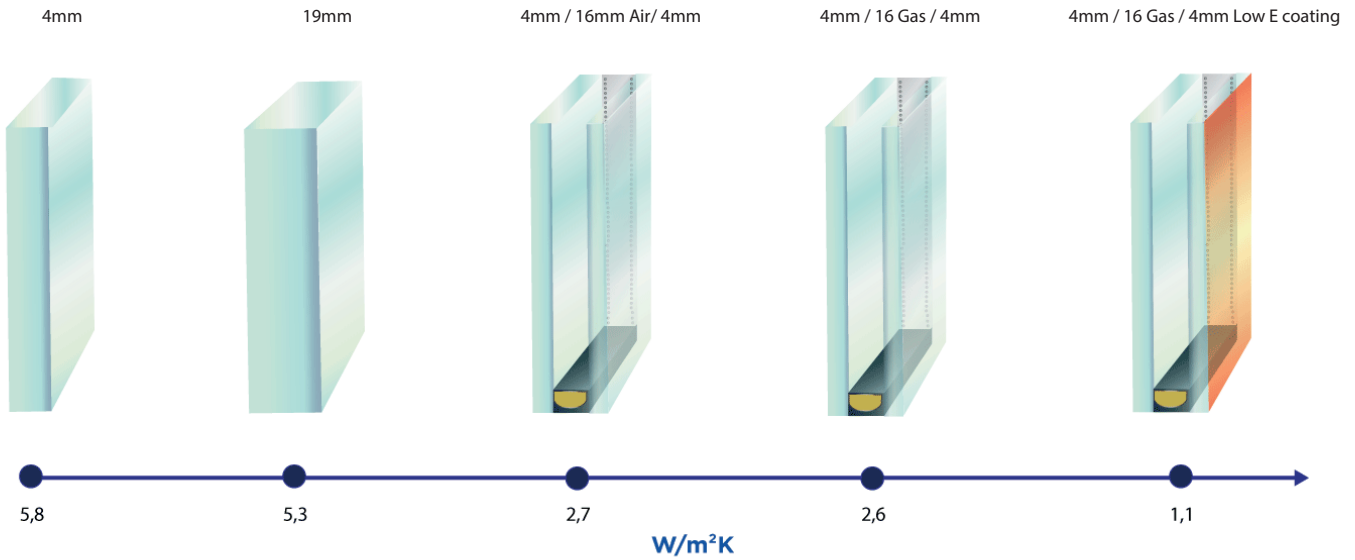
Climavit® is the best insulation solution for winter period compared to a monolithic or laminated Glass . In order to compare the insulation properties of a glass , we use the heat transfer coefficient: the Ug value. This value indicates the rate of heat transfer through glass over a given area if the temperature difference is one degree (1kelvin)

The measurement unit of the U-value is therefore  $W/(m^2K)$  from norm ISO10292. Thus, the lower the U-value, the better is the insulation (see table hereunder).

**To increase the thermal insulation for both winter and summer, we use different glass thickness and air gap or adding gas(Argon but others are possible).For premium product , we add some low emissivity coating like Planitherm® or ComfortSky®.Saint gobain has developed a wide range of different coated glass that can be used to better fit your requirements.**

- ☑ Efficient thermal insulation
- ☑ Minimize energy expenses
- ☑ Playing on air or gaz gap
- ☑ Possibility to add coating

## Climavit® Technical performances



Standard Thermal Insulation

Improved Thermal Insulation

## Looking for personalized information?

Our team is at your service to support you through every step of your project

Contact Us

## A solution for every project:



Safety



Green &  
Sustainable



Driver & Passenger  
Experience