

## PROCESSING

Processing conditions of PLANISTAR SUN PLUS are similar to the processing of any type of glazing in the PLANITHERM range.

It is compulsory that PLANISTAR Sun Plus glazing to be assembled in insulated glazing unit with the coating exclusively positioned on face 2. Edge deletion is compulsory, prior to the assembling.

PLANISTAR Sun Plus can be laminated with the coating being always positioned on the external side. In this case, the coating and the PVB cannot be in any contact.

## PERFORMANCES

Spectrophotometric values according with the norms SR EN 410 and SR EN 673

External Pane	PLANISTAR SUN PLUS
Glazing configuration (mm)	4 (16) 4 (90% Argon)
Internal Pane	PLANICLEAR
Light Transmission (TL %)	70
External Reflexion (RL ext%)	13
Solar Factor (g)	0.37
Thermal transfer coefficient, Ug W/(m².K)	1,0

## REGULATIONS

PLANISTAR SUN PLUS received the CE mark.



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# PLANISTAR SUN PLUS TRANSPARENCY AND A PLUS IN COMFORT



BUILDING GLASS ROMÂNIA



# PLANISTAR SUN PLUS

## Transparency and a plus in comfort

Energy cost has significantly increased over the past several decades and the public's desire to decrease overall energy use is growing.

Our attention is focused on increasing the energy efficiency while obtaining a Plus in comfort.

No matter the season or the weather outside, PLANISTAR SUN PLUS is designed to offer a maximum of transparency with a very low solar factor and an excellent thermal insulation.



### DESCRIPTION

PLANISTAR SUN PLUS has multiple functions: advanced thermal insulation (due to a very low emissivity, infrared radiation is reflected), solar control (reflects a big part of the solar energy) and natural light high transmittance.

Its performances are ensured by a combination of multiple layers which are applied to a clear float glass. A magnetically enhanced cathodes sputtering process is used under vacuum conditions and a controlled atmosphere.

### BENEFITS



**Aesthetics**  
With its transparency, color neutral aesthetics and high light transmittance characteristics, PLANISTAR SUN PLUS reaches the right balance between form and function.



**Visual comfort**  
The high transparency ensures a Plus in visual comfort and a Plus in the communication and balance between the interior environment and the exterior one.



The high light transmittance also reduces the requirement for interior lighting during daylight hours, helping reduce energy costs even further.



**Effectiveness**  
PLANISTAR SUN PLUS can be used to create more comfortable interiors by reducing overheating and the need for costly air conditioning, whilst at the same time noticeably reducing excessive heat loss.



Thus the heating / cooling cost throughout the year are considerably diminished.

### APPLICATIONS

PLANISTAR SUN PLUS is suitable for both residential and small commercial buildings. Due to the unique properties of the coating, it is ideally suited to applications requiring a high light transmittance and excellent neutrality, on top of an optimal solar control value and an advanced thermal insulation.

### RANGE

PLANISTAR SUN PLUS is available on PLANICLEAR substrate.

### Dimensions

Product	Thicknesses	Maximum dimensions	
		Length	Width
PLANISTAR SUN PLUS	4 / 6 mm	6000 mm	3210 mm

\*Other sizes and widths are available upon request.

PLANISTAR SUN PLUS is available as a laminated product, STADIP PLANISTAR SUN PLUS.

### Insulating glazing PLANISTAR SUN PLUS

