

PLANISTAR SUN PLUS

BETTER COMFORT AND MORE
LIGHT ALL YEAR LONG



BUILDING GLASS POLAND


SAINT-GOBAIN

PLANISTAR SUN PLUS

BETTER COMFORT AND MORE LIGHT ALL YEAR LONG



The need to guard against energy cost insecurity, and the concern for environmental issues make for increasing importance of the energy balance and thermal performance of buildings. Reduction of energy consumption has become a must. On the other hand, customers demand an ever greater thermal and visual comfort.

PLANISTAR SUN PLUS is an optimum solution ensuring excellent energy performance and preventing excessive heat gain in summer, while maintaining ideal natural light input throughout the year.

PLANISTAR SUN PLUS reduces the need for artificial light during the day, which decreases the energy cost. In additional heating / cooling costs are significantly limitation.

DESCRIPTION

PLANISTAR SUN PLUS is a low-e coating with low Solar Factor, offering superior thermal comfort regardless of the season. The coating is made up of very thin deposits obtained through cathodic sputtering in a high vacuum atmosphere. The coating reflects the high wavelength infrared radiation and a large part of solar energy, at the same time ensuring perfect light transmission.

This new generation glass protects against heat in summer and provides comfortable temperature in winter which guarantees positive energy balance.

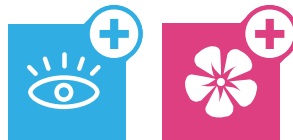
APPLICATIONS

PLANISTAR SUN PLUS enables to be used in a wide variety of applications e.g. residential, commercial, public buildings.

ADVANTAGES

AESTHETICS AND VISUAL COMFORT

Thanks to high transparency and light transmission PLANISTAR SUN PLUS provides high aesthetics with the neutral appearance.



COMFORT AND EFFICIENCY

PLANISTAR SUN PLUS applies to receive better comfort, reduces overheating and use air-conditioning in summer. In the other hand decreases heat loss in winter.



PERFORMANCE

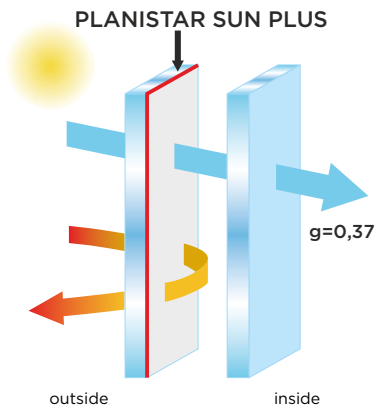
Spectrophotometric properties PN EN 410 and PL EN 673.

Composition (mm)	Ug W/(m2.K)	Light transmission (TL %)	Solar Factor (g)	Light Reflection (RL external %)
DGU 4*/16Ar/4	1,0	70	0,37	13
4* (16Ar) 4 (16Ar) **4	0,6	64	0,35	15

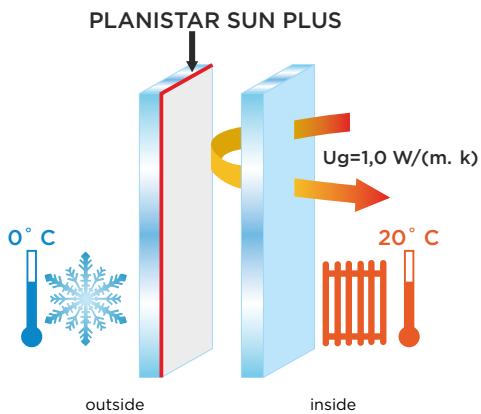
* PLANISTAR SUN PLUS, ** PLANITHERM XN

DGU with PLANISTAR SUN PLUS COATING

Optimum comfort in summer and in-between seasons.



Optimum comfort in winter.



PROCESSING

PLANISTAR SUN PLUS coatings are processed very much like PLANITHERM.

PLANISTAR SUN PLUS is available only in insulated glazed units, with the coating always **placed on face 2**.

Size and thickness on demand		MAX SIZE	
PRODUCT	THICKNESS	LENGTH	WIDTH
PLANISTAR SUN PLUS	4/6 mm	6000 mm	3210 mm

PRODUCT RANGE

PLANISTAR SUN PLUS is available on float glass
PLANICLEAR also as laminated glass
STADIP PLANISTAR SUN PLUS

REGULATIONS

PLANISTAR SUN PLUS has CE marking



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