



PLANITHERM® 4S • PLANITHERM® 4S II

for year round comfort



SMAY Headquarters

SAINT-GOBAIN GLASS



PLANITHERM® 4S (II) *for year round comfort*

PLANITHERM® 4S (II) combines solar control and thermal insulating properties, to provide a comfortable year round environment, enabling you to get the most out of your space whatever the weather.

Applications

PLANITHERM® 4S (II) is perfectly suited for both non-residential applications (office buildings, shops, facades, skylights etc.) but it is also suitable for residential applications (homes, apartments, terraces closed, conservatory etc.)

Processing

In order to achieve its performances and aesthetics PLANITHERM® 4S and PLANITHERM® 4S II coatings must be:

- Edge deleted prior to assembling
- Assembled into an insulated glazing unit
- Positioned on the face 2 (inside the IGU)

Additionally coating PLANITHERM® 4S II must be tempered. It is compatible with Heat Soak Test.

PLANITHERM® 4S (II) can be laminated, taking care to place the coating outside of the laminate (coating on face 4 of the laminated pane)

Benefits whatever the weather

- Winter comfort
 - reduces heat loss and significantly reduces the discomfort of cold near the windows.
- Summer comfort
 - limit the amount of solar energy that enters the house and reduce the need to use air conditioning.





Performances

Type	U _g * [W/m ² K]	LT** [%]	g** [%]	Outside reflection LRe** [%]
TGU 6mm/16mm Ar/4mmPLC/16mm Ar/44.2				
PLANITHERM® 4S (II) #2 PLANITHERM® One #5	0,5	52,4	0,34	34,5
PLANITHERM® 4S (II) #2 PLANITHERM® XN #5	0,5	58,9	0,39	28,7

*according to EN673 **according to EN410





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