



DECLARATION OF PERFORMANCE

Glassolutions of Saint-Gobain

Les Miroirs, 92096 La Défense, France

5/1/2017

EN 1279-5:2005+A2:2010

Insulating glass units
intended to be used in buildings and construction worksSGG CLIMATOP PLANITHERM ONE F2 F5 4(16 argon)4(16 argon)4
D3000134

NB: 0336, 0497, 0679, 0757, 0809, 1116, 1136, 1154, 1174, 1234, 1322, 1694, 1717, 1750, 1751

Essential characteristics	AVCP Systems	Performances
For uses relating to safety in case of fire:		
Resistance to fire	1	NPD
Reaction to fire	3,4	NPD
External fire performance	3,4	NPD
for uses as anti-bullet or anti-explosion glazing		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
for uses liable to present "safety-in-use" risks and subject to such regulations		
Burglar resistance	3	NPD/NPD/NPD
Pendulum body impact resistance	3	NPD/NPD/NPD
Resistance against sudden temperature changes and temperature differentials K	4	40/40/40
Wind, snow, permanent and imposed load resistance mm	4	4/16/4/16/4
for uses relating to noise reduction		
Direct airborne sound insulation dB	3	32(-1;-5)
for uses relating to energy conservation		
Declared emissivity ϵ_s	3	NPD
U-value W/(m ² .K)	3	0,5
Light transmittance τ_v	3	0.59
Light reflectance ρ_v/ρ'_v	3	0.32 / 0.32
Solar direct transmittance τ_s	3	0.33
Solar direct reflectance ρ_s/ρ'_s	3	0.48 / 0.48
g-value	3	0.38
Durability	3	PASS

NPD : No Performance Determined

PLANITHERM ONE 4mm on faces 2 & 5

The performance of the product is in conformity with the declared performances.**This declaration of performance is issued under the sole responsibility of the manufacturer.****Signed for and on behalf of the manufacturer by:**Marc Maurer
Vice President Operations5/1/2017
LA DEFENSE FRANCE