



DECLARATION OF PERFORMANCE

Glassolutions of Saint-Gobain

Les Miroirs, 92096 La Défense, France

18/4/2014

EN 1279-5:2005+A2:2010

Insulating glass units

intended to be used in buildings and construction works

SGG CLIMATOP PLANITHERM XN F2 F5 4(18 argon)4 (18 argon)4

D3600225

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
Pendulum body impact resistance		3	NPD
Resistance against sudden temperature changes and temperature differentials	K	4	40K/40K/40K
Wind, snow, permanent and imposed load resistance	mm	4	4/18/4/18/4
for uses relating to noise reduction			
Direct airborne sound insulation	dB	3	NPD
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	0.74
Light reflectance ρ_v/ρ'_v		3	0.16/0.16
Solar direct transmittance τ_s		3	0.47
Solar direct reflectance ρ_s/ρ'_s		3	0.33/0.33
g-value		3	0.54
Durability		3	PASS

NPD : No Performance Determined

argon 85 argon 85

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

18/4/2014

Vice President Operations

LA DEFENSE FRANCE