



DECLARATION OF PERFORMANCE
Saint-Gobain Glass

Les Miroirs, 92096 La Défense, France
5/8/2011

EN 14449:2005+AC:2005

Laminated safety glass

intended to be used in buildings and construction works

SGG STADIP PROTECT 33.2
L0101021

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	P2A
Pendulum body impact resistance		3	1B1
Resistance against sudden temperature changes and temperature differentials	K	4	40 K
Wind, snow, permanent and imposed load resistance	mm	4	7
for uses relating to noise reduction			
Direct airborne sound insulation	dB	3	33(-1;-2)
for uses relating to energy conservation			
Declared emissivity ε_d		3	0.89
U-value	W/(m ² .K)	3	NPD
Light transmittance τ_v		3	0.89
Light reflectance ρ_v/ρ'_v		3	0.08/0.08
Solar direct transmittance τ_s		3	0.75
Solar direct reflectance ρ_s/ρ'_s		3	0.07/0.07
g-value		3	0.79
Durability		3	PASS

NPD : No Performance Determined

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:

Fabrice DIDIER
Vice President Sales&Marketing Saint-Gobain Glass

04/06/2014
LA DEFENSE FRANCE