

Saint-Gobain Building Glass Europe

Tour Saint-Gobain 12 place de l'Iris 92400 Courbevoie France

EN 1096-4 - Coated glass
intended to be used in buildings and construction works

PLANISTAR EVOLUTION 4 mm
M10A114

NB: 0336, 0497, 0679, 0757, 0809, 1004, 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	A1
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	40
Wind, snow, permanent and imposed load resistance (N/mm ²)	4	45
For uses relating to noise reduction		
Direct airborne sound insulation (dB)	3	30(-2;-2)
For uses relating to energy conservation		
Emissivity ϵ_s	3	0.01
U-value (W/(m ² .K))	3	NPD
Light transmittance τ_v	3	0.66
Light reflectance ρ_v/ρ'_v	3	0.19/0.22
Solar direct transmittance τ_s	3	0.41
Solar direct reflectance	3	0.36/0.45
g-value	3	0.44
Durability	3	C

F2=PLANITHERM 4S EVOLUTION

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 Desmons
International Product Strategy Director Building Glass

03/10/2022
Courbevoie - France

