

Nr.  
 Unique identification code of product-type  
 Trademark **Thermobel Top: Stratobel 33.1 (3 mm Planibel Clearlite + 0.38 mm PVB Clear + 3 mm iplus 1.1 pos.2) Annealed - 13 mm Argon 90% - 4 mm Planibel Clearlite Thermally toughened**  
 Intended use/es **Insulating glass units intended to be used in buildings and construction work**  
 Manufacturer **AGC Glass Europe - Avenue Jean Monnet 4 - 1348 Louvain-la-Neuve - Belgium**  
 Harmonized standard **EN 1279-5:2018**  
 Notified body/ies **0749 0757 1004 1121 1136 1154 1174 1343 1394 1488 1694**

## Declared performance/s

Essential characteristics	AVCP systems	Performance
<b>Safety in case of fire</b>		
Resistance to fire	1	NPD
Reaction to fire	3, 4	NPD
External fire performance	3, 4	NPD
<b>Safety in use</b>		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
Burglar resistance	3	NPD
Pendulum body impact resistance	3	2B2 / 1C3
Resistance against sudden temperature changes and temperature differentials : [K]	4	NPD / NPD
Wind, snow, permanent and imposed load resistance	4	NPD
<b>Protection against noise</b>		
Direct airborne sound reduction : $R_w$ (C;Ctr) [dB]	3	NPD
<b>Energy economy and heat retention</b>		
Declared normal emissivity : $\epsilon_n / \epsilon'_n$	3	NPD / NPD
Thermal properties : U value [W/(m <sup>2</sup> .K)]	3	1.2
Light transmittance : $\tau_v$	3	0.81
Light reflectance : $\rho_v / \rho'_v$	3	0.12 / 0.12
Solar direct transmittance : $\tau_e$	3	0.53
Solar direct reflectance : $\rho_e / \rho'_e$	3	0.23 / 0.28
Total solar energy transmittance : $g / g'$	3	0.56 / NPD
<b>Durability / conformity</b>		
Durability	3	Type A

NPD: No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) N° 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

(name and function)	At (place) on (date of issue)	(signature)
Enrico Ceriani Vice President Primary Glass Building & Industrial Division	Louvain-la-Neuve 4. 6. 2021	