



Unique identification code of the product Type:	PYRAN® S-AR Declaration of performance no. 1121 – CPR – CA0003a
Intended use:	Thermally toughened borosilicate safety glass to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 13024-2:2004
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type 8 mm	
Safety in the case of fire			
Resistance to fire	1	E30, E60, E90, E120	
Reaction to fire	3, 4	A1	
External fire behaviour	3, 4	NPD	
Safety in use			
Bullet resistance	1	NPD	
Explosion resistance	1	NPD	
Burglar resistance	3	NPD	
Pendulum body impact resistance	3	1(C)1	
Resistance against sudden temperature changes and temperature differentials	4	300 K	
Resistance against wind, snow, permanent load and/or imposed loads	4	8 mm - 120 N/mm ²	
Protection against noise			
Direct airborne sound reduction	3	32 (-2, -3) dB	
Thermal properties			
Emissivity	3	NPD	
U-value		5,5 W/(m ² K)	
Radiation properties			
Light transmission	3	0,98	
Light reflection		0,01 / 0,01	
Solar energy characteristics			
Solar transmission	3	0,87	
Solar reflection		0,09	
Solar factor (g-Value)		0,88	
Durability	3	Pass	

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) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky