



DESCRIPTION

Position	Product	Process	Thickness (nominal) mm	Weight kg/m ²
Pilkington Insulight™ Therm				
Glass 1	Pilkington Optiwhite™	Annealed	4.0	
Cavity 1	Argon (90%)		20.0	
Glass 2	Pilkington K Glass™ S	Annealed	4.0	
Product Code	4w-20Ar-KS4		28.0	20.00

PERFORMANCE

Light			Energy		
Transmittance	LT	81%	Direct Transmittance	ET	64%
	UV %	44%	Reflectance	ER	22%
Reflectance Out	LR out	12%	Absorptance	EA	14%
Reflectance In	LR in	12%	Total Transmittance	g	75%
Performance Code			Shading Coefficient Total		0.86
U _g -value/Light/Energy		1.2 / 81 / 75	Shading Coefficient Shortwave		0.73
Ra		99	Sound Reduction	R _w (C;C _{tr}) dB	31 (-2; -7)
The values of some of characteristics are displayed as NPD. This stands for No Performance Determined.			Thermal Transmittance	W/m ² K	1.2

Additional Values			
Bullet Resistance	NPD	Burglar Resistance	NPD+NPD
Explosion Resistance	NPD	External Fire Performance	NPD
Load Resistance (mm)	4+4	Pendulum Body Impact Resistance	NPD
Reaction to Fire	NPD	Resistance to Fire	NPD
Resistance to Temperature Differentials (K)	40+40		

Pilkington Spectrum allows you to combine a wide range of products available from Pilkington and determine their key properties such as light transmittance, g value and U value. The program includes restrictions that prevent some combinations being selected that may be considered unwise or impractical. Even with these restrictions, it is still possible to create product combinations that may not be available from your supplier. Please check with your supplier that your chosen product combination is possible, available in the sizes required and in a timescale appropriate to your project. Furthermore, it is essential that you check that your product combination is appropriate for satisfying local, regional, national and other project-specific requirements.

Calculations are made according to EN standards 410 and 673/12898

Pilkington Spectrum Version UK:7.3.0

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