



## Description

Position	Product	Process	Thickness (nominal) mm	Weight kg/m <sup>2</sup>
Glass 1	Pilkington Optiwhite	Annealed	4	10
Cavity 1	Argon (90%)		20	
Glass 2	Pilkington K Glass	Annealed	4	10
Product Code	4w-20Ar-K4		28	20

## Performance

<b>Light</b>					
Transmittance	LT	76%	Sound Reduction	$R_w$ dB ( $C; C_{tr}$ )	NPD
	UV %	44%			
Reflectance Out	LR out	18%	Thermal Transmittance	$W/m^2K$	1.5
Reflectance In	LR in	17%			
<b>Energy</b>					
Direct Transmittance	ET	66%	Ra	99	
Reflectance	ER	18%	<b>Performance Code</b>		
Absorptance	EA	16%	U-value/Light/Energy	1.5 / 76 / 78	
Total Transmittance	g	78%	The values of some of characteristics are displayed as NPD. This stands for No Performance Determined.		
Shading Coefficient Total		0.90			
Shading Coefficient Shortwave		0.75			

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

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