



## Description

Position	Product	Process	Thickness (nominal) mm	Weight kg/m <sup>2</sup>
Glass 1	Pilkington Activ Clear	Toughened	4	10
Cavity 1	Argon (90%)		16	
Glass 2	Pilkington Optitherm S3	Toughened	4	10
Product Code	A4T-16Ar-S(3)4T		24	20

## Performance

<b>Light</b>					
Transmittance	LT	75%	Sound Reduction	R <sub>w</sub> dB (C;C <sub>tr</sub> )	31 (-2; -5)
	UV %	21%			
Reflectance Out	LR out	18%	Thermal Transmittance	W/m <sup>2</sup> K	1.1
Reflectance In	LR in	18%			
<b>Energy</b>				Ra	
Direct Transmittance	ET	52%	98		
Reflectance	ER	33%			
Absorptance	EA	15%	<b>Performance Code</b>		
Total Transmittance	g	59%	U-value/Light/Energy		
Shading Coefficient Total		0.68	1.1 / 75 / 59		
Shading Coefficient Shortwave		0.60	The values of some of characteristics are displayed as NPD. This stands for No Performance Determined.		

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 4.0.0

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