



Description

Position	Product	Process	Thickness (nominal) mm	Weight kg/m ²
Glass 1	Pilkington Optitherm S3	Annealed	4	
Cavity 1	Argon (90%)		18	
Glass 2	Pilkington Optifloat Clear	Annealed	4	
Cavity 2	Argon (90%)		18	
Glass 3	Pilkington Optitherm S3	Annealed	4	
Product Code	4S(3)-18Ar-4-18Ar-S(3)4		48	30

Performance

Light			Sound Reduction		
Transmittance	LT	74%	R_w dB (C;C _{tr})	NPD	
	UV %	16%			
Reflectance Out	LR out	14%	Thermal Transmittance		
Reflectance In	LR in	14%	W/m^2K	0.53	
Energy			Ra		
Direct Transmittance	ET	45%	96		
Reflectance	ER	29%			
Absorptance	EA	26%	Performance Code		
Total Transmittance	g	52%	U-value/Light/Energy		
Shading Coefficient Total		0.60	0.53 / 74 / 52		
Shading Coefficient Shortwave		0.51	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

23/02/2016