



Description

Position	Product	Process	Thickness (nominal) mm	Weight kg/m ²
Glass 1	Pilkington Optifloat Clear	Toughened	6.0	
Cavity 1	Argon (90%)		12.0	
Glass 2	Pilkington Optitherm S1 Plus	Toughened	6.0	
Cavity 2	Argon (90%)		12.0	
Glass 3	Pilkington Optitherm S1 Plus	Annealed	6.0	
Product Code	6T-12Ar-T-12Ar-		42.0	45.00

Performance

Light					
Transmittance	LT	62%	Sound Reduction	R _w dB (C;C _T)	34 (-1; -6)
	UV %	20%	Thermal Transmittance	W/m ² K	0.7
Reflectance Out	LR out	23%			
Reflectance In	LR in	25%			
			Ra		92
Energy					
Direct Transmittance	ET	33%			
Reflectance	ER	33%			
Absorptance	EA	34%			
Total Transmittance	g	42%			
Shading Coefficient Total		0.48			
Shading Coefficient Shortwave		0.37			
			Performance Code		
			U-value/Light/Energy		0.7 / 62 / 42
			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.