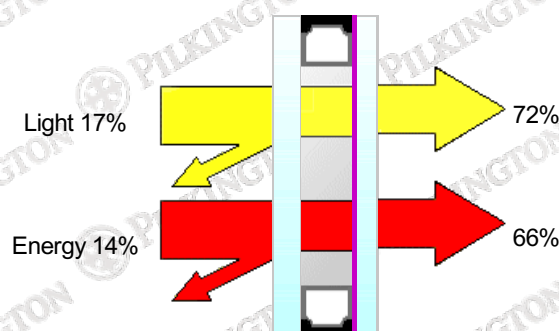




DESCRIPTION

Position	Product	Process	Thickness (nominal) mm	Weight kg/m ²
Pilkington Insulight™ Therm				
Glass 1	Pilkington Optifloat™ Clear	Annealed	8.0	
Cavity 1	Argon (90%)		16.0	
Glass 2	Pilkington K Glass™	Annealed	6.0	
Product Code	8-16Ar-K6		30.0	35.00

PERFORMANCE

Light		
Transmittance	LT	72%
	UV %	30%
Reflectance Out	LR out	17%
Reflectance In	LR in	16%
Performance Code		
U _g -value/Light/Energy	1.5 / 72 / 66	
Ra	97	
The values of some of characteristics are displayed as NPD. This stands for No Performance Determined.		

Energy		
Direct Transmittance	ET	53%
Reflectance	ER	14%
Absorptance	EA	33%
Total Transmittance	g	66%
Shading Coefficient Total	0.76	
Shading Coefficient Shortwave	0.61	
Sound Reduction	R _w (C;C _{tr}) dB	36 (-2; -6)
Thermal Transmittance	W/m ² K	1.5

Additional Values			
Bullet Resistance	NPD	Burglar Resistance	NPD+NPD
Explosion Resistance	NPD	External Fire Performance	NPD
Load Resistance (mm)	8+6	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

12/12/2019