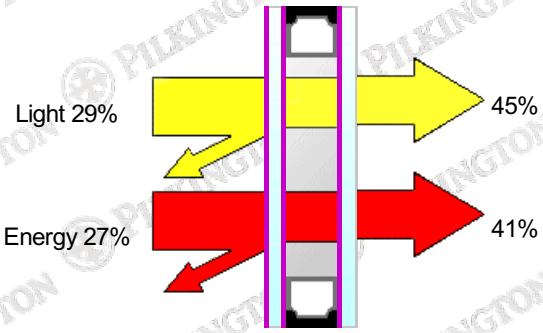
PILKINGTON

NSG GROUP



DESCRIPTION

Position	Product	Process	Thickness (nominal) mm	Weight kg/m^2
Pilkington **Insulight Activ™**				
Glass 1	Pilkington **Activ SunShade™** Neutral	Annealed	4.0	
Cavity 1	Argon (90%)		16.0	
Glass 2	Pilkington **K Glass™** S	Annealed	4.0	
Product Code	A4N-16Ar-KS4		24.0	20.00

PERFORMANCE

Light		
Transmittance	LT	45%
	UV %	17%
Reflectance Out	LR out	29%
Reflectance In	LR in	22%

Performance Code	
U_g-value/Light/Energy	1.2 / 45 / 41
Ra	98

The values of some of characteristics are displayed as NPD. This stands for No Performance Determined.

Energy		
Direct Transmittance	ET	34%
Reflectance	ER	27%
Absorptance	EA	39%
Total Transmittance	g	41%
Shading Coefficient Total		0.47
Shading Coefficient Shortwave		0.39
Sound Reduction	R_w (C;C_{tr}) dB	31 (-2; -5)
Thermal Transmittance	W/m^{2}K	1.2

Carbon Footprint

GWP	kgCO_2e/m^2	40

Global Warming Potential (GWP) values derived from the Life Cycle Assessment (LCA) that underpins the third-party verified product Environmental Product Declarations (EPDs). They are declared for modules A1 to A3; the scope of the EPDs is cradle-to-grave and module D in accordance with the requirements of Product Category Rules EN 15804:2012+A2:2019/AC:2021 and EN17074:2019. As noted in the EPD, indicators for modules A1 to A3 should not be used without considering indicators for module C.

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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