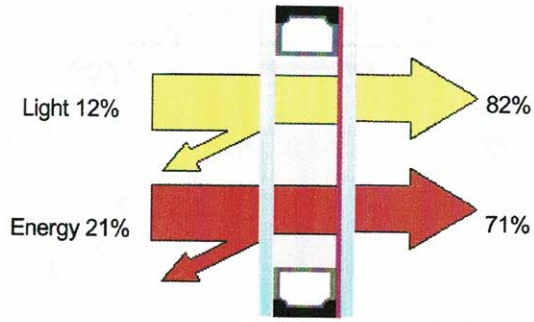
PILKINGTON

NSG GROUP



DESCRIPTION

Position	Product	Process	Thickness (nominal) mm	Weight kg/m²
Pilkington **Insulight™** Therm				
Glass 1	Pilkington **Optifloat™** Clear	Annealed	4.0	
Cavity 1	Argon (90%)		20.0	
Glass 2	Pilkington **K Glass™** S	Annealed	4.0	
Product Code	4-20Ar-KS4		28.0	20.00

PERFORMANCE

Light		
Transmittance	LT	82%
	UV %	38%
Reflectance Out	LR out	12%
Reflectance In	LR in	13%

Performance Code	
U_g-value/Light/Energy	1.2 / 82 / 71
Ra	98

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

Energy		
Direct Transmittance	ET	62%
Reflectance	ER	21%
Absorptance	EA	17%
Total Transmittance	g	71%
Shading Coefficient Total		0.82
Shading Coefficient Shortwave		0.71
Sound Reduction	$R_w(C;C_{tr})$ dB	31 (-2; -5)
Thermal Transmittance	W/m^2K	1.2

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