

# SolaVeil<sup>®</sup> Clear

Reduce solar heat  
gain and feel the  
difference without  
seeing the difference

THE NATURAL ENERGY SOLUTION

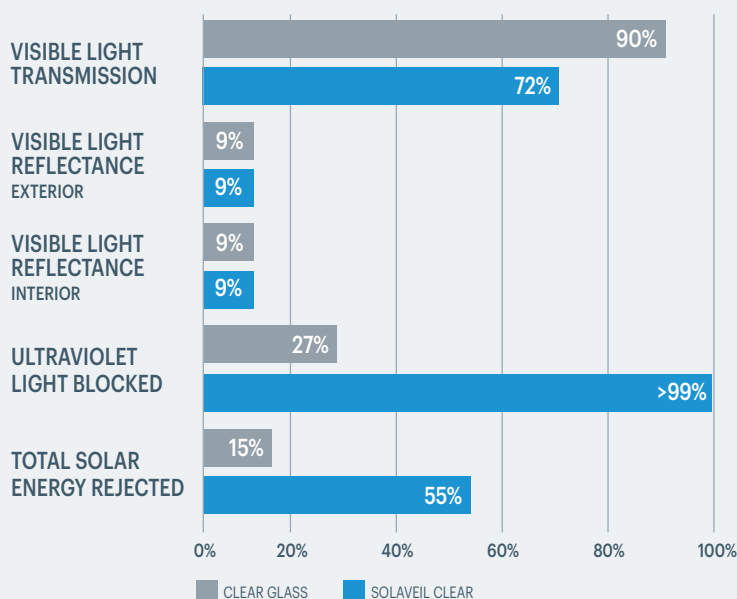
[SolaVeil.co.uk](http://SolaVeil.co.uk)

# SolaVeil® Clear

**SolaVeil® Clear keeps uneven temperatures, hotspots and uncomfortable solar heat gain at bay by keeping out more than 50% of the sun's total solar energy. This provides improved comfort and energy efficiency resulting with reduced energy costs - feel and enjoy the difference instantly!**

SolaVeil® Clear also lets maximum visible daylight transmittance be maintained. Because it is designed to be perfectly neutral, SolaVeil® Clear doesn't change the way your windows appear or the way you see through them.

With SolaVeil® Clear installed on your windows, internal temperatures are significantly reduced, including rejection of over 99% of the ultraviolet light, providing energy savings in relation to air-conditioning whilst improving the working environment.



## PERFORMANCE RESULTS

	4mm Single	4mm Double
<b>Solar Energy</b>		
% Transmittance	36	32
% Absorptance	30	39
% Reflectance	34	29
<b>Visible light</b>		
% Transmittance	72	65
% Reflectance Exterior	9	16
% Reflectance Interior	9	13
<b>Performance Indicators</b>		
Emissivity	0.77	0.77
Winter U-Factor (W/m <sup>2</sup> °C)	5.66	2.66
Shading Coefficient	0.52	0.57
Solar Heat Gain Coefficient	0.45	0.49
Solar Selectivity Index	1.38	1.14
Light to Solar Heat Gain Factor	1.61	1.33
UV Light Blocked %	>99	>99
Total Solar Energy Rejected	55	51
Glare Reduction	20	20
<b>Physical Properties</b>		
Gauge	75 Microns	
Tensile Strength	2,100 kg/cm <sup>2</sup>	
Melting Point	260-265 °C	

## NOTE

- SolaVeil Clear is manufactured and distributed under license by Daylight Business Solutions Limited (DBS). DBS's warranty is set out in its Terms and Conditions of Sale and should be reviewed prior to purchasing any SolaVeil product.
- SolaVeil performance has been independently tested by Lux TSI and Cardiff University in accordance with UKAS standards employing specific test procedures and standards BS EN 410.
- The test results and projections detailed in this document provide data for the benchmark SolaVeil configuration for a typical window design, which may vary subject to survey and the specific environmental factors of each building.
- The test result data do not constitute a recommendation for endorsement of or certification of the product or material tested. These results are provided for informational purposes only and are neither to be considered part of the specification of the Products nor a representation or warranty that the products will conform to these results.

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Supported by

