

# Solar Control 40

## Performance Data

Total Solar Energy Reduction	60%
Solar Energy Reflected	37%
Solar Energy Absorbed	36%
Solar Energy Transmittance	27%
Visible Light Transmittance	41%
Visible Light Reflected	33%
Ultra Violet Light Reflected	99%
Shading Coefficient	.46
Solar Heat Gain Coeff. (g Value)	.40
Emissivity	.68
Winter U-Factor (W/m <sup>2</sup> °C)	2.82
Glare Reduction	54%

## Performance Guide

Solar Heat Rejection	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
Glare Reduction	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
UV Reduction	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
Fade Reduction	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
Safety & Security	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
One-Way Privacy	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
Two-Way Privacy	☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️
Scratch Resistance Coating	Yes
Warranty Period	12 Years
Application	Internal

Key:

Excellent ☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️    Some Benefit ☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️  
 N/A ☀️☀️☀️☀️☀️☀️☀️☀️☀️☀️



## Window Film Description

This premium spectrally selective film is the latest generation in window film technology. Designed to block select wavelengths of infrared and visible light radiation keeping the sun's harmful heat and glare out, but allowing the natural light to enter, for a luminous interior, while affording a comfortable and temperate environment.

This film offers a very low subtle neutral appearance once installed, much less internal reflectance than traditional window films.

12 year warranty against peeling, discolouration, bubbling and cracking.

## Carbon Negative

Carbon Negative window film means that the environmental impact required to manufacture, distribute, install and dispose of at the end of the films life cycle, is less than the carbon reduction achieved as a result of the window films installation.

## Applications

Ideal for most internal glass applications for heat, glare and UV protection in commercial, residential and industrial applications. An ideal for film for schools, conservatoies, commercial buildings and residential glazing.