



SOLAR CONTROL FILM

UV Control – Amber 81

SO-AMUV-iSR

Opalux® Amber UV Control film provides excellent blocking up to 400 nanometres (nm) The amber colour of the film also gives it extra blocking capability with transmissions below 10% all the way to 500nm. This product can also be multi-layered for maximum protection.

This UV film exceeds the standard museum test requirements for low UV transmission and colour distortion and passes the requirements of leading conservation experts who have carried out research on ultra-violet filters. It is amber in colour as it is designed to block UV light into the low visible light region. This product is used where different types of extreme UV light blocking is required, for example in a medical or clean room. The film can be applied to all sources of light within the room such as windows, fluorescent lighting and even lasers.

FEATURES

- Superior rejection of harmful UV rays
- Quick, retro-fit installation
- Scratch-resistant

BENEFITS

- Reduced fading of interior furnishings
- Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
- Suitable for most non-abrasive window-cleaning methods

PERFORMANCE DATA		SO-AMUV-iSR
SOLAR ENERGY	Transmitted	68%
	Reflected	9%
	Absorbed	23%
VISIBLE LIGHT	Transmitted	57%
	Reflected (Interior)	7%
	Reflected (Exterior)	7%
UV Rejection (300-380 nanometres)		99.5%
UV Rejection (380-500 nanometres)		90%
Glare Reduction		35%
Shading Coefficient		0.85
Solar Heat Gain Coefficient (G-Value)		0.74
U-Value (W/m²K)		5.91
Total Solar Energy Rejected		26%
Product Warranty		7 years

NOTES

Test results are produced from film applied to 3mm clear single glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the Opalux® Product Warranty Form for the full terms and conditions of the Opalux® limited warranty. It is the users' responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct, indirect or consequential loss or damage howsoever arising.

SPECIFICATION

The solar control window film is to be Opalux® SO-81AMB-iSR, as manufactured by Opalux® (www.opaluxwindowfilms.com). The film is to be installed to the interior surface of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer's warranty procedure.

SOLAR CONTROL