

# ImagePerfect™ 7403

## Pool 85 EXT

**UV protection and speciality films for interior or exterior use on buildings, reducing the fading, aging and/or discolouration of items behind the glass.**

ImagePerfect™ 7403 Pool 85 EXT is a solar control film with UV protection and speciality characteristics that has been specifically engineered for application to polycarbonate, plexiglass and other synthetic materials for up to 8 year exterior use. Amongst other environments, it will be used in private households, offices, retail locations, schools and government agencies but it will be most commonly used on pool roofs, warehouse roofs, factory roofs, etc. This reflective film will limit solar heat gain and solar glare. It will also allow the transmission of the required level of visible light, whilst blocking a very high proportion of UV light, thereby reducing the fading impact on furniture and fabrics and helping to reduce the risk of skin cancer. The product utilises a high-quality PET film with high optical qualities and a hard, scratch-resistant surface for durability and ease of maintenance during window cleaning. It must be wet applied. If the outside surface cannot be accessed (for example, in the case of rooftop application), then the film can also be applied on the inside surface. **IMPORTANT:** IP 7403 Pool 85 EXT needs a trial installation of a few months before the whole application is subsequently completed to ensure that the film is compatible with the substrate. This is specially so in the case of old plastic and plastic that is exposed to heat as there could be increased out-gassing from the substrate which could lead to bubbles/cracks appearing in the applied film. As an additional consideration, the potential fragility of some plastic sheets (such as polycarbonate) could mean that less squeegee pressure could be applied during installation and this could cause wrinkles to develop in the applied film.

Attention: To avoid possible glass breakage, please contact your local ImagePerfect distributor before Installation. Do not clean for at least 1 month after application and do not apply any type of sticker or adhesive on the film.

Specifications	
Description	IP 7403
Installation	Exterior
Colour From the Outside	Silver
Durability (Vertical Application)	8 years
Thickness	60mym
Film Composition	PET
Solar Energy Reflection	67%
Solar Energy Absorption	20%
Solar Energy Transmission	13%
Total Solar Energy Rejected	89%
Visible Light Transmission	16%
g-Value	0.18
UV Transmission (300-380NM)	1%
Edge Sealing, Vertical (25-89°)	Mandatory
Flame Retardancy	M1
Pendulum Test EN 12600	N/A
Security Glazing EN 356	N/A
Shelf Life (Storage at -5°C to +40°C)	3 years

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For more information about ImagePerfect please visit [www.imageperfect.com](http://www.imageperfect.com)

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