

# ImagePerfect™ 7101 / 7102

## Tint 30 EXT / Tint 20 EXT

**Solar control films for exterior use on buildings to reduce the greenhouse effect, delivering heat and light control.**

ImagePerfect™ 7101 Tint 30 EXT and ImagePerfect™ 7102 Tint 20 EXT are solar control films for up to 12 year and 8 year exterior use respectively. They will reduce the room temperature and thereby improve the personal well-being in work spaces and/or living areas. The films incorporate a nano ceramic base which enables them to provide the solar control/heat reduction whilst remaining transparent (when viewed from the outside, they are extremely neutral). The ceramic construction means that the films are considered to be metal-free. The films also help to improve the heating, ventilation and air conditioning (HVAC) system, improving overall efficiency and thereby reducing costs. They can also help to reduce the risk of skin cancer. As such, amongst other environments, they will be used in private households, offices, retail locations, schools and government agencies, where they will be applied on the outside surface of the glass. They utilise a high-quality PET film with high optical qualities and a hard, scratch-resistant surface for durability and ease of maintenance during window cleaning. They must be wet applied.

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 7101	IP 7102
Installation	Exterior	Exterior
Colour From the Outside	Highly Neutral	Highly Neutral
Durability (Vertical Application)	12 years	8 years
Thickness	75mym	60mym
Film Composition	PET	PET
Solar Energy Reflection	6%	10%
Solar Energy Absorption	53%	46%
Solar Energy Transmission	41%	44%
Total Solar Energy Rejected	56%	45%
Visible Light Transmission	75%	78%
g-Value	0.49	0.55
UV Transmission (300-380nm)	< 1%	< 1%
Edge Sealing, Vertical (25-89°)	Recommended	Recommended
Flame Retardancy	M1	M1
Pendulum Test EN 12600	N/A	N/A
Security Glazing EN 356	N/A	N/A
Shelf Life (Storage at -5°C to +40°C)	3 years	3 years

© May 2022 Eikon Ltd. Technical specifications are subject to change without prior notice. All trademarks mentioned are the property of their respective owners.

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

Eikon Ltd, 38 Port Royal Avenue, Lune Industrial Estate, Lancaster. United Kingdom

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of such products for their specific use, including, but not limited to, the application, conditions, maintenance, and the Purchaser shall assume all risk and liability of every nature in connection therewith. All technical data are subject to change without prior notice. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

Eikon gives no express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of fitness for any particular use and/or non-infringement. All products are sold subject to Eikon's general terms and conditions of sale. Eikon's aggregate liability, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoiced to Purchaser in respect of any occurrence or series of occurrences. In the event of improper use and/or incorrect processing that does not comply with our instructions, any and all liability is excluded. In no circumstances shall Eikon be liable for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.