

# ImagePerfect™ 7170

## Ambient EXT

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

ImagePerfect™ 7170 Ambient is a high-end solar control film with a durability of 10 years (vertical application), based on the newest generation of coating technologies. The film has a very neutral appearance and is fully transparent (no mirror effect). This film is metal free and does not require edge sealing. It does also help to support the heating, ventilation and air conditioning (HVAC) system, improving overall efficiency and thereby reducing cooling costs effectively. The film does avoid signal interferences (mobile devices) and provides a very high level of infrared radiation reduction. It also supports in preventing skin cancer. Potential application areas are hotels, commercial and residential buildings, retail locations, public buildings like schools and government and many more. The basic raw material is a high-quality PET film with high optical qualities and a very scratch-resistant surface for maximum durability and ease of maintenance during window cleaning. The film has to be wet applied on the outer surface of the existing glass system.

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 7170
Installation	Exterior
Colour From the Outside	Totally Neutral
Durability (Vertical Application)	10 years
Thickness	75mym
Film Composition	PET
Solar Energy Reflection	22%
Solar Energy Absorption	35%
Solar Energy Transmission	43%
Total Solar Energy Rejected	57%
Visible Light Transmission	73%
g-Value	0.49
UV Transmission (300-380NM)	< 1%
Edge Sealing, Vertical (25-89°)	Not Required
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

© February 2024 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.