

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 an extremely high-quality Sun Control Film with a durability of 10 years (vertical application), based on newest generation of coating technologies, using a multi-coating process. The film has a very neutral appearance and is completely transparent (no mirror effect). It is metal-free and requires no edge sealing. The film also reduces the load on building air conditioning systems (HVAC), improves their overall efficiency and thus significantly reduces cooling costs. IP 7170 Ambient does not cause any signal interference (e.g. for mobile phone reception) and offers a very high level of infrared radiation reduction. Thanks to a very effective UV blocker, it also helps to prevent skin cancer. Possible areas of application include all commercial and private buildings, hotels, retail outlets, public buildings such as schools and authorities, and many more. The base material is a high-quality PET film with excellent optical properties and a highly scratch-resistant surface coating for maximum durability and easy-care window cleaning. The film becomes wet applied to 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%
Infrared Energy Rejection (780-2500 Nm)	97%
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	targeted: M1 (applied for)
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

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