

# ImagePerfect™ 7114 / 7115 / 7116

## Graphite 80 EXT / Graphite 70 EXT / Graphite 45 EXT

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

ImagePerfect™ 7114 Graphite 80 EXT, ImagePerfect™ 7115 Graphite 70 EXT and ImagePerfect™ 7116 Graphite 45 EXT are solar control films for up to 6 year exterior use. They will reduce the room temperature and thereby improve the personal well-being in work spaces and/or living areas. The films incorporate a reflective surface with the one-way mirror effect providing privacy and a contemporary look on any building exterior. They are extremely effective at reducing solar heat gain whilst continuing to allow some natural light transmission. 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 7114	IP 7115	IP 7116
Installation	Exterior	Exterior	Exterior
Colour From the Outside	Silver	Silver	Silver
Durability (Vertical Application)	6 years	6 years	6 years
Thickness	75mym	75mym	75mym
Film Composition	PET	PET	PET
Solar Energy Reflection	63%	44%	24%
Solar Energy Absorption	22%	29%	32%
Solar Energy Transmission	15%	27%	44%
Total Solar Energy Rejected	80%	65%	52%
Visible Light Transmission	24%	34%	59%
g-Value	0.16	0.36	0.48
UV Transmission (300-380NM)	1%	1%	1%
Edge Sealing, Vertical (25-89°)	Recommended	Recommended	Recommended
Flame Retardancy	M1	M1	M1
Pendulum Test EN 12600	N/A	N/A	N/A
Security Glazing EN 356	N/A	N/A	N/A
Shelf Life (Storage at -5°C to +40°C)	3 years	3 years	3 years

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

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