



DUAL PANE
SAFE



LOWER ENERGY
COSTS



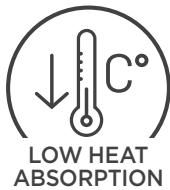
GLARE
CONTROL



HIGH DAYTIME
PRIVACY



NATURAL
INTERNAL VIEW



LOW HEAT
ABSORPTION



MAXIMUM UV
BLOCKING



Engineered for Australia...

www.UltraGard.com.au

Engineered for Australia...

PERFORMANCE DATA

ecoshade™

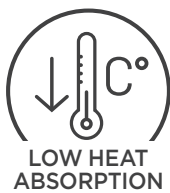
Energy efficient
window film insulation

On 3mm clear glass

Product Code	ES10
Film Thickness	1.5 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	80 %
Visible Light Transmitted (V.L.T.)	8 %
Visible Light Reflected - Interior/Exterior	10 % / 52 %
Solar Energy Reflected	50 %
Solar Energy Transmitted	12 %
Solar Energy Absorbed	38 %
Visible Glare Reduction	93 %
Ultraviolet Protection	99 %
Fade Reduction Estimate	80 %
Shading Coefficient (S.C.)	0.24
Solar Heat Gain Coefficient (S.H.G.C.)	0.20
Winter U-Value (W/M ² K)	5.69
Emissivity (Room side)	0.68
Luminous Efficacy	0.49
Daytime Privacy Rating	High
Warranty	Lifetime Residential / 12 Year Commercial

EARTH NEUTRAL
Residential & Commercial
Glass Window Film

ES10



Engineered for Australia...

www.UltraGard.com.au

Engineered for Australia...

PERFORMANCE DATA

ecoshade™

Energy efficient
window film insulation

On 3mm clear glass

Product Code	ES20
Film Thickness	1.5 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	72 %
Visible Light Transmitted (V.L.T.)	19 %
Visible Light Reflected - Interior/Exterior	15 % / 39 %
Solar Energy Reflected	43 %
Solar Energy Transmitted	15 %
Solar Energy Absorbed	42 %
Visible Glare Reduction	81 %
Ultraviolet Protection	99 %
Fade Reduction Estimate	76 %
Shading Coefficient (S.C.)	0.32
Solar Heat Gain Coefficient (S.H.G.C.)	0.28
Winter U-Value (W/M ² K)	5.74
Emissivity (Room side)	0.71
Luminous Efficacy	0.45
Daytime Privacy Rating	High
Warranty	Lifetime Residential / 12 Year Commercial

EARTH NEUTRAL
Residential & Commercial
Glass Window Film

ES20



DUAL PANE
SAFE



LOWER ENERGY
COSTS



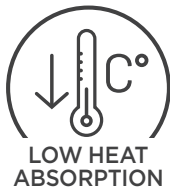
GLARE
CONTROL



HIGH DAYTIME
PRIVACY



NATURAL
INTERNAL VIEW



LOW HEAT
ABSORPTION



MAXIMUM UV
BLOCKING



Engineered for Australia...

www.UltraGard.com.au

Engineered for Australia...

PERFORMANCE DATA

ecoshade™

Energy efficient
window film insulation

On 3mm clear glass

Product Code	ES30
Film Thickness	1.5 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	65 %
Visible Light Transmitted (V.L.T.)	28 %
Visible Light Reflected - Interior/Exterior	16 % / 29 %
Solar Energy Reflected	27 %
Solar Energy Transmitted	30 %
Solar Energy Absorbed	43 %
Visible Glare Reduction	74 %
Ultraviolet Protection	99 %
Fade Reduction Estimate	69 %
Shading Coefficient (S.C.)	0.42
Solar Heat Gain Coefficient (S.H.G.C.)	0.35
Winter U-Value (W/M ² K)	5.64
Emissivity (Room side)	0.76
Luminous Efficacy	0.54
Daytime Privacy Rating	Medium
Warranty	Lifetime Residential / 12 Year Commercial

EARTH NEUTRAL
Residential & Commercial
Glass Window Film

ES30



DUAL PANE
SAFE



LOWER ENERGY
COSTS



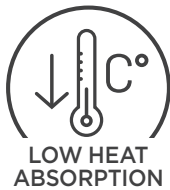
GLARE
CONTROL



HIGH DAYTIME
PRIVACY



NATURAL
INTERNAL VIEW



LOW HEAT
ABSORPTION



MAXIMUM UV
BLOCKING



Engineered for Australia...

www.UltraGard.com.au

Engineered for Australia...

PERFORMANCE DATA

ecoshade™

Energy efficient
window film insulation

On 3mm clear glass

Product Code	ES40
Film Thickness	1.5 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	53 %
Visible Light Transmitted (V.L.T.)	37 %
Visible Light Reflected - Interior/Exterior	12 % / 19 %
Solar Energy Reflected	20 %
Solar Energy Transmitted	36 %
Solar Energy Absorbed	44 %
Visible Glare Reduction	58 %
Ultraviolet Protection	99 %
Fade Reduction Estimate	56 %
Shading Coefficient (S.C.)	0.53
Solar Heat Gain Coefficient (S.H.G.C.)	0.47
Winter U-Value (W/M ² K)	5.61
Emissivity (Room side)	0.79
Luminous Efficacy	0.61
Daytime Privacy Rating	Medium/Low
Warranty	Lifetime Residential / 12 Year Commercial

EARTH NEUTRAL
Residential & Commercial
Glass Window Film

ES40