

SunGuard® SuperNeutral

SN 70/37

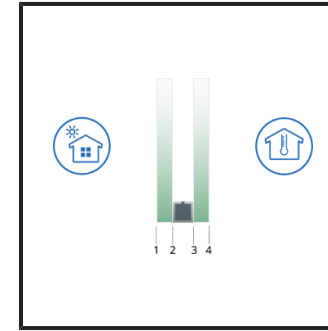
Great performance has never been so clear

Architects and owners regularly choose coated glass products that offer very high natural light transmission while ensuring energy savings and solar protection. SunGuard® SN 70/37 meets these requirements. This multifunctional coating minimises the need for artificial light and offers excellent solar protection combined with outstanding thermal insulation.



Product Information

Substrate	Guardian ExtraClear/4-12 mm
Base Glass/Thickness	Guardian UltraClear/4-12 mm
Applications	Facades / Windows / Doors / Curtain Walls / Roofs
Manufacturing options	Annealed / Heat Treated and TPF (Temporary Protective Film) for processing prior to tempering for HT versions / Laminated / Bent
Recommended Coating Positions	Surface 2 (double IGU) Surface 2 (triple IGU)
Maximum Size	<3210x6000mm
Edge Deletion	Yes
Glass type	Double Silver Coated Glass
Glass functions	Solar Control Thermal Insulation
Fabrication options	Must be used in Insulated Glass Unit
Appearance	Neutral



Double Glazed



Triple Glazed

Visible light			Ultraviolet	Solar Energy						Thermal Properties	
Transmittance	Reflectance		Trans UV(τ_{uv} %)	Transmittance	Reflectance		Absorptance	Solar Factor(g%)	Shading Coefficient (sc)	U-Value	
Visible (τ_v %)	pv % out	pv % in		General Color Rendering Index (Ra)	Solar (τ_e %)	pe % out	pe % in			Solar(α_e %)	Ug W/m ² ·K
Double Glazed: 6-16-4 SunGuard® SuperNeutral SN 70/37 on Guardian ExtraClear #2, Guardian ExtraClear, 90% Argon fill											
70	11	12	93	11	35	39	42	26	37	0.42	1.0
Double Glazed: 6-16-4 SunGuard® SuperNeutral SN 70/37 on Guardian UltraClear #2, Guardian UltraClear, 90% Argon fill											
71	11	12	95	12	36	45	46	19	37	0.43	1.0
Triple Glazed: 6-14-4-14-4 SunGuard® SuperNeutral SN 70/37 on Guardian ExtraClear #2, Guardian ExtraClear, ClimaGuard Premium2 on Guardian ExtraClear #5, 90% Argon fill											
64	14	16	92	7	31	40	39	30	34	0.39	0.6
Triple Glazed: 6-14-4-14-4 SunGuard® SuperNeutral SN 70/37 on Guardian UltraClear #2, Guardian UltraClear, ClimaGuard Premium2 on Guardian UltraClear #5, 90% Argon fill											
64	14	16	94	8	32	46	45	22	35	0.40	0.6

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to EN 410:2011 , EN 673:2011 / Metric.

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