

SunGuard® SuperNeutral

SN 70/35

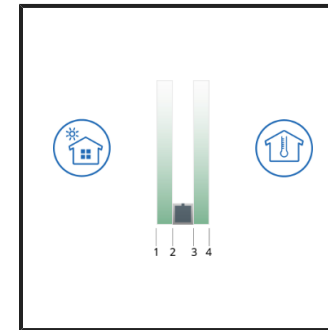
High on your list for low heat gain

Excellent light transmission is possible without the heat that usually comes with it. SunGuard® SuperNeutral® (SN) 70/35 is a neutral blue glass that offers solar protection while reducing the need for artificial light. Ideal for fully glazed facades and large frame windows, SN 70/35 combines excellent solar protection 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 Insulating Glass Units
Appearance	Neutral blue



Double Glazed



Triple Glazed

Visible light				Ultraviolet	Solar Energy						Thermal Properties
Transmittance	Reflectance		General Color Rendering Index (Ra)	Trans UV(tuv %)	Transmittance	Reflectance		Absorptance	Solar Factor(g%)	Shading Coefficient (sc)	U-Value
Visible (tv %)	pv % out	pv % in			Solar (te %)	pe % out	pe % in	Solar(ae %)			Ug W/m²·K
Double Glazed: 6-16-4 SunGuard® SuperNeutral SN 70/35 on Guardian ExtraClear #2, Guardian ExtraClear, 90% Argon fill											
70	14	15	94	8	33	42	45	25	35	0.40	1.0
Double Glazed: 6-16-4 SunGuard® SuperNeutral SN 70/35 on Guardian UltraClear #2, Guardian UltraClear, 90% Argon fill											
71	13	15	95	9	34	49	49	18	35	0.40	1.0
Triple Glazed: 6-16-4-16-4 SunGuard® SuperNeutral SN 70/35 on Guardian ExtraClear #2, Guardian ExtraClear, ClimaGuard® A 1.1 on Guardian ExtraClear #5, 90% Argon fill											
62	16	19	93	5	28	44	40	28	32	0.37	0.5
Triple Glazed: 6-16-4-16-4 SunGuard® SuperNeutral SN 70/35 on Guardian UltraClear #2, Guardian UltraClear, ClimaGuard® A 1.1 on Guardian ExtraClear #5, 90% Argon fill											
62	16	19	94	5	29	50	42	21	33	0.37	0.5

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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