

SunGuard® eXtraSelective

SNX 50

Boost thermal insulation, banish energy costs

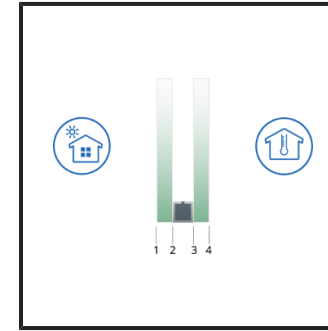
By delivering world-class selectivity, eXtra Selective (SNX) 50 helps reduce energy costs by lowering the demand for artificial lighting, air conditioning and heating. With a transparent appearance, low reflection and consistent colour, it is the ideal choice for completely glazed facades. It delivers optimum thermal insulation when used in a standard double-glazed unit.



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	Triple 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® eXtraSelective SNX 50 on Guardian ExtraClear #2, Guardian ExtraClear, 90% Argon fill											
50	10	13	90	6	22	36	45	42	24	0.28	1.0
Double Glazed: 6-16-4 SunGuard® eXtraSelective SNX 50 on Guardian UltraClear #2, Guardian UltraClear, 90% Argon fill											
50	10	12	91	7	22	42	49	36	24	0.28	1.0
Triple Glazed: 6-14-4-14-4 SunGuard® eXtraSelective SNX 50 on Guardian ExtraClear #2, Guardian ExtraClear, ClimaGuard Premium2 on Guardian ExtraClear #5, 90% Argon fill											
45	11	16	89	4	20	37	41	44	22	0.25	0.6
Triple Glazed: 6-14-4-14-4 SunGuard® eXtraSelective SNX 50 on Guardian UltraClear #2, Guardian UltraClear, ClimaGuard Premium2 on Guardian UltraClear #5, 90% Argon fill											
45	11	16	91	4	20	43	47	38	22	0.26	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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