

Optical and solar properties**	Silver 20 Xtra	Silver 35 Xtra	Silver 50 Xtra	5 Mil Silver 20 Xtra	Silver Matte 20 Xtra	PolyZone Silver 20 Xtra
Item Number	R07022X	R07035X	R07050X	R14422X	R108SMX	R0705XP
Visible light transmitted (%)	17	33	48	17	13	16
Visible light reflected reflected	62	42	28	62	48	63
Ultraviolet block (%)	99.9	99.9	99.9	99.9	99.9	99.9
Total solar energy reflected (%)	63	45	30	64	62	65
Total solar energy transmitted	12	25	37	13	10	12
Total solar energy absorbed (%)	25	30	33	23	28	23
Glare reduction (%)	81	63	46	81	86	82
Shading coefficient	0.22	0.39	0.53	0.23	0.22	0.22
Solar heat gain coeff. (G-value)	0.19	0.34	0.46	0.19	0.19	0.19
Winter U-Value (IP) BTU/(hr·F·ft²)	1.04	1.04	1.04	1.04	1.06	1.04
Winter U-value (SI) W/(K·m²)	5.91	5.91	5.91	5.91	5.91	5.91
Emissivity	0.84	0.84	0.84	0.84	0.84	0.84
Total solar energy rejected (%)	81	66	54	81	81	81

Optical and solar properties**	Titan 07 Xtra	Titan 20 Xtra	Titan 35 Xtra	Titan 50 Xtra	Solar Bronze 20 Xtra	Solar Bronze 35 Xtra	OptiLite 75 Xtra	SkyLite S20X
Item Number	R070W0X	R070W6X	R070W5X	R070W3X	R069B2X	R069B5X	R09275X	R157X15
Visible light transmitted (%)	8	19	36	52	16	33	76	15
Visible light reflected (interior) (%)	17	14	14	19	46	28	9	63
Visible light reflected (exterior) (%)	55	34	22	18	39	30	9	66
Ultraviolet block (%)	99.9	99.9	99.9	99.9	99.9	99.9	99	99.9
Total solar energy reflected (%)	58	37	26	22	64	52	8	64
Total solar energy transmitted (%)	7	18	31	40	9	21	39	10
Total solar energy absorbed (%)	35	45	43	38	27	27	53	26
Glare reduction (%)	91	79	61	41	82	64	15	84
Shading coefficient	0.20	0.36	0.50	0.59	0.20	0.33	0.60	0.20
Solar heat gain coeff. (G-value)	0.17	0.31	0.43	0.51	0.17	0.29	0.55	0.17
Winter U-Value (IP) BTU/(hr·F·ft²)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.03
Winter U-value (SI) W/(K·m²)	5.91	5.91	5.91	5.91	5.91	5.91	5.92	5.85
Emissivity	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Total solar energy rejected (%)	83	69	57	49	83	71	46	83

**Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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energy efficiency



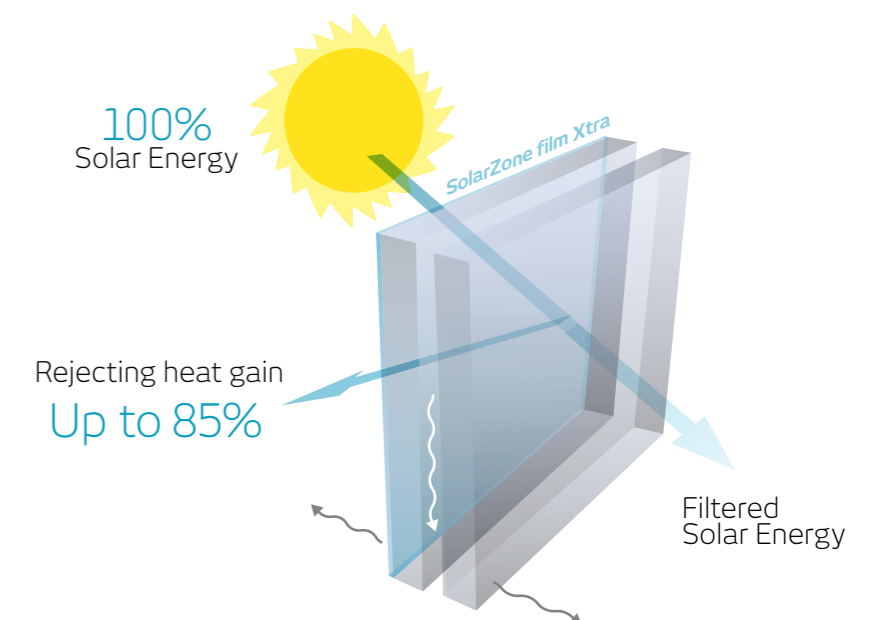
SolarZone Xtra

Performing beyond the expected

SolarZone Xtra exterior films offer one of the best solutions for keeping interiors cooler in the summer, maximizing savings on energy costs, and upgrading energy efficiency.

Exceptional energy savings on all glazing types.

SolarZone Xtra exterior solar control films are particularly efficient when used with double and triple glazing (IGU), rejecting solar energy from the outer pane and keeping the inner pane cool.



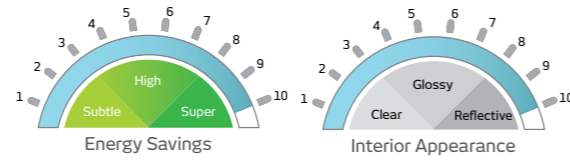
Xtra films also complement many types of Low-E glass, providing summertime cooling without affecting wintertime efficiency of Low-E coating. These versatile films can be used on almost all sophisticated glass units without fear of thermal fracture or seal failure. Exterior installation provides the ideal solution when interior access is difficult or prohibited.

SolarZone Xtra exterior films deliver outstanding durability for long-term solar performance. They're engineered to withstand harsh outdoor conditions, and they're backed by an extended warranty.



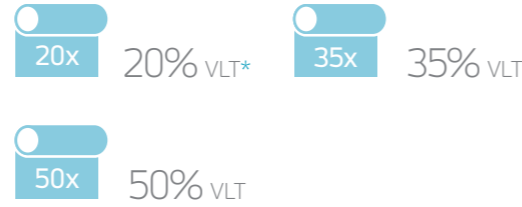
An Xceptional range

Reflective



Silver Xtra

With a strong visual statement, excellent heat rejection, and a speedy return on investment, Silver Xtra is the popular choice for commercial projects.



SkyLite S20X

A reflective Silver exterior film specifically engineered to withstand the demanding conditions of flat roof glazing. Available with adhesive for glass or rigid plastics such as polycarbonate.



Solar Bronze Xtra

Delivers high levels of heat rejection in a warm, yet sophisticated, appearance.

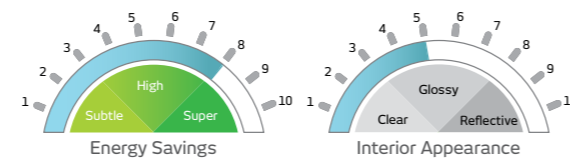


Silver Matte 20 Xtra

Silver Matte Xtra provides interior comfort together with night and day privacy. Comparative scale, at similar levels of light transmission, and with reflective film as benchmark

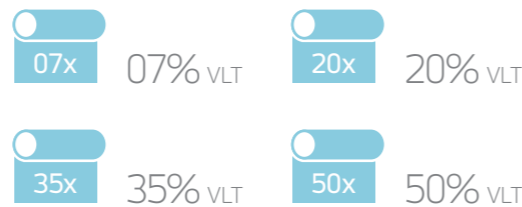


Dual Reflective

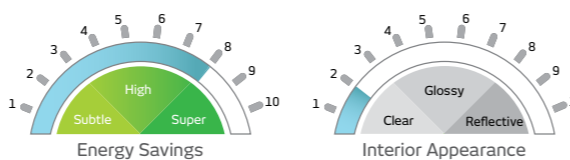


Titan Xtra

Exterior films with a reflective, extremely energy efficient outdoor appearance that gives excellent solar heat rejection and rapid payback. The less reflective interior maintains a pleasant indoor ambience.



Spectrally Selective



OptiLite 75 Xtra

OptiLite's subtle tint effectively filters heat-building IR radiation, keeping the building cooler without noticeably affecting the appearance of the glass.



The SolarZone Xtra promise

- **Xtra performance**
Exceptional energy savings on all glazing types
- **Xtra tough**
Resilient hardcoat and flexible construction enhance weatherability, sustaining the film's efficiency for longer
- **Xtra warranty***
Comprehensive guarantee for any aspect or angle of pane
- **Xtra cleanable**
Easy-wipe coating simply shrugs off graffiti
- **Xtra choice**
Wide range of types and colors

* Contact Hanita Coatings for full warranty details, including for sloped and horizontal installations. Edge sealant required.