

Exclusive Series

AURORA

Spectrally Select
Multi-Stack
Heat Reflector

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	Infrared Rejection (IR) 7%-25um	% Total Solar Energy Rejection	NFRC Certified
40	30%	43%	21%	47%	8%	14%	47%	44%	38%	94%	62%	
70	20%	42%	38%	70%	10%	8%	25%	59%	51%	91%	50%	



Twilight

Proprietary Technology
Non-Reflective
Dual Pane Safe

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	Infrared Rejection (IR) 7%-25um	% Total Solar Energy Rejection	NFRC Certified
10	37%	47%	16%	10%	6%	10%	89%	33%	28%	86%	72%	
20	31%	44%	25%	20%	8%	9%	78%	42%	36%	79%	64%	
35	28%	36%	36%	34%	9%	11%	63%	52%	45%	71%	55%	



Solar Series

Legacy

leg-a-cy |leg'a'se| a tradition that exists as a result of history
Sputtered Ti-Nitride Technology

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
40*	17%	51%	32%	45%	12%	13%	52%	53%	44%	56%	
50	13%	47%	40%	51%	10%	12%	43%	61%	51%	49%	
70*	7%	40%	53%	66%	8%	8%	28%	74%	62%	38%	

*Also available in exterior

Nature

na-ture |nā'cher| an untouched realm for living things; the basics of life; purity
Sputtered Neutral

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
10	37%	55%	8%	9%	42%	43%	89%	29%	25%	75%	
20*	23%	55%	22%	24%	25%	28%	73%	44%	35%	65%	
30*	23%	51%	26%	30%	20%	25%	65%	45%	39%	61%	
40	16%	46%	38%	43%	14%	17%	51%	58%	50%	50%	
50	13%	43%	44%	49%	12%	14%	46%	67%	60%	40%	

*Also available in exterior

Daydream

day-dream |dā'drēm| enjoying pleasant visions while awake
Dual Reflective Earth Tone

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
5	53%	36%	11%	6%	11%	50%	92%	24%	20%	80%	
15	38%	44%	18%	17%	13%	37%	81%	24%	29%	71%	
25	32%	43%	25%	28%	18%	31%	68%	35%	36%	64%	
35	20%	45%	35%	38%	12%	18%	57%	47%	48%	52%	

Sky

sky |skī| the celestial regions; the unlimited; an expanded view
Dual Reflective Blue/Gray

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
10	51%	40%	9%	8%	13%	54%	91%	23%	17%	83%	
20	34%	44%	22%	23%	16%	33%	74%	39%	30%	70%	
30	35%	41%	24%	30%	26%	34%	66%	40%	35%	65%	
40	22%	42%	36%	37%	21%	28%	52%	54%	45%	55%	

Illusion

il-lu-sion |i-lō'shon| an image perceived in a way different from the way it is in reality
One Way Mirror

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
7	52%	40%	8%	7%	13%	54%	92%	23%	15%	85%	

Solar Series

Reflection

re-flec-tion |ri-flek'shan| a mirrored image; a surface bouncing off light, heat or images
Silver

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
20*	60%	30%	10%	14%	64%	64%	84%	21%	16%	84%	
35*	39%	36%	25%	33%	41%	42%	63%	40%	35%	65%	
50*	29%	35%	36%	48%	26%	28%	47%	54%	45%	55%	

*Also available in exterior

Moonlight

moon-light |mōn'lit| the subtle light that assists the night
Dye/Metal/Dye Non-Reflective

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
5	25%	61%	14%	6%	7%	13%	93%	35%	30%	70%	
10	21%	59%	20%	10%	13%	12%	89%	41%	36%	64%	
25	23%	50%	27%	24%	17%	12%	73%	46%	40%	60%	

Horizon

ho-ri-zon |hō'ri'zən| the point where land or sea meets sky; looking forward to the future
Sputtered Bronze

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20	48%	41%	11%	18%	39%	35%	80%	25%	20%	80%	
35	36%	41%	23%	33%	27%	23%	63%	39%	34%	66%	

Firewall

fire-wall |fir'wōl| a protective measure used as a shield or barrier
Spectrally Select

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70	8%	49%	44%	69%	8%	8%	24%	65%	57%	43%	
FLR45	35%	32%	33%	43%	9%	8%	53%	48%	39%	61%	
FLR75	37%	17%	46%	75%	10%	10%	18%	59%	49%	51%	



Solar Series

Reflection

re-flec-tion |ri-flek'shan| a mirrored image; a surface bouncing off light, heat or images
Silver

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
20*	60%	30%	10%	14%	64%	64%	84%	21%	16%	84%	
35*	39%	36%	25%	33%	41%	42%	63%	40%	35%	65%	
50*	29%	35%	36%	48%	26%	28%	47%	54%	45%	55%	

*Also available in exterior

Moonlight

moon-light |mōn'lit| the subtle light that assists the night
Dye/Metal/Dye Non-Reflective

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5	25%	61%	14%	6%	7%	13%	93%	35%	30%	70%	
10	21%	59%	20%	10%	13%	12%	89%	41%	36%	64%	
25	23%	50%	27%	24%	17%	12%	73%	46%	40%	60%	

Horizon

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20	48%	41%	11%	18%	39%	35%	80%	25%	20%	80%	
35	36%	41%	23%	33%	27%	23%	63%	39%	34%	66%	

Firewall

fire-wall |fir'wōl| a protective measure used as a shield or barrier
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70	8%	49%	44%	69%	8%	8%	24%	65%	57%	43%	
FLR45	35%	32%	33%	43%	9%	8%	53%	48%	39%	61%	
FLR75	37%	17%	46%	75%	10%	10%	18%	59%	49%	51%	

Solar Safety

The safety series provides solar protection from UV rays. It can also help prevent glass from breaking on impact, and holds shattered glass together when breakage occurs. The ideal way to prevent flying shards due to earthquakes, blasts, collisions or projectile impact.

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Aurora 8 mil 70	13%	34%	41%	71%	7%	13%	25%	57%	50%	50%	
Daydream 9 mil 25	32%	43%	25%	28%	18%	31%	68%	35%	36%	64%	
Nature 8 mil 20	23%	55%	22%	24%	25%	28%	73%	44%	38%	62%	
Nature 8 mil 40	16%	46%	38%	43%	14%	17%	51%	58%	50%	50%	
Reflection 8 mil 20	60%	30%	10%	14%	64%	64%	84%	21%	18%	82%	

Graffiti Series

Anti-Graffiti

an-ti-graf-fi-ti |ān'ti-grō-fē'tē| opposed to the marked or painted defacement of property

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
4 mil	9%	10%	81%	89%	10%	10%	1%	97%	84%	16%	
6 mil	8%	13%	79%	89%	10%	10%	1%	95%	83%	17%	
6 mil EZ Install	8%	13%	79%	89%	10%	10%	1%	95%	83%	17%	
7 mil	9%	12%	79%	88%	10%	10%	2%	94%	82%	18%	

Design Series

White Frost

ASWF offers the Design Series for application to interior glazing. This series allows clear glass to be transformed into unique design elements by introducing color, patterns or corporate logos.

Type	% Total Solar Reflection	% Total Solar Absorption	% Total Solar Transmittance	% Visible Light Transmittance	% Visible Light Refl (ft)	% Visible Light Refl (in)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
White Frost	20%	11%	69%	75%	25%	22%	17%	84%	73%	27%	
White Out	66%	16%	18%	14%	84%	87%	84%	25%	23%	77%	
Black Out	11%	89%	0%	0%	13%	8%	100%	34%	29%	71%	