

# AIS Ecosense Enhance

## Parameters



### Ecosense Enhance - Solar Control Glass - 6 mm

Product Name	Shade	Code	Visible Light			SF	SC	U-Value
			Transmission	Reflection				
				External	Internal			
%	%	%	%	%	W/m <sup>2</sup> K			
Dawn	Clear	SC 26/33	29	18	26	43	0.49	5.4
Spring	Clear	SC 59/52	65	26	26	64	0.73	5.4
Aura	Clear	SC 48/46	53	25	21	58	0.67	5.4
Snow	Clear	SC 21/28	23	26	36	38	0.44	5.4
Nectar	Clear	SC 32/35	37	22	16	45	0.52	4.8
Ivory	Clear	SC 20/25	23	34	19	34	0.39	4.5
Cove	Blue	SH 18/25	20	12	26	36	0.41	5.4
Marine	Blue	SH 38/37	43	17	28	48	0.55	5.4
Bay	Blue	SH 31/34	35	12	22	46	0.53	5.4
Orchid Blue	Blue	SH 13/23	15	14	35	35	0.4	5.4
Indigo	Blue	SH 22/26	24	12	16	38	0.43	4.9
Bluebell	Blue	SH 13/21	14	17	20	32	0.37	4.5
Pine	Green	SN 22/24	25	14	26	35	0.4	5.4
Meadow	Green	SN 49/38	56	22	26	48	0.56	5.4
Coral	Green	SN 39/35	44	19	22	46	0.53	5.4
Jade	Green	SN 18/24	21	20	35	36	0.41	5.4
Lime	Green	SN 27/26	31	17	16	37	0.43	4.8
Citrus	Green	SN 16/21	18	25	21	31	0.36	4.5

# AIS Ecosense Enhance

## Parameters



### Ecosense Enhance - 6 mm Solar Control Glass + 12 mm Air Gap + 6 mm Clear Glass

Product Name	Shade	Code	Visible Light			SF	SC	U-Value
			Transmission	Reflection				
				External	Internal			
			%	%	%			
Dawn	Clear	SC 26/33	26	19	28	33	0.38	2.8
Spring	Clear	SC 59/52	59	29	28	52	0.6	2.8
Aura	Clear	SC 48/46	48	27	25	46	0.53	2.8
Snow	Clear	SC 21/28	21	27	36	28	0.32	2.8
Nectar	Clear	SC 32/35	32	23	21	35	0.39	2.7
Ivory	Clear	SC 20/25	20	34	23	25	0.29	2.6
Cove	Blue	SH 18/25	18	12	28	25	0.29	2.8
Marine	Blue	SH 38/37	38	19	30	37	0.43	2.8
Bay	Blue	SH 31/34	31	13	25	34	0.39	2.8
Orchid Blue	Blue	SH 13/23	13	14	35	23	0.26	2.8
Indigo	Blue	SH 22/26	22	13	21	26	0.3	2.7
Bluebell	Blue	SH 13/21	13	17	24	21	0.24	2.6
Pine	Green	SN 22/24	22	16	28	24	0.28	2.8
Meadow	Green	SN 49/38	49	25	29	38	0.44	2.8
Coral	Green	SN 39/35	39	20	25	35	0.4	2.8
Jade	Green	SN 18/24	18	20	35	24	0.28	2.8
Lime	Green	SN 27/26	27	18	20	26	0.3	2.7
Citrus	Green	SN 16/21	16	25	24	21	0.24	2.6

# AIS Ecosense Enhance

## Parameters



Ecosense Enhance - 6 mm Solar Control Glass + 12 mm Air Gap + 6 mm Clear Low-E Glass/Clear Essence

Product Name	Shade	Code	Visible Light			SF	SC	U-Value
			Transmission	Reflection				
				External	Internal			
			%	%	%			
Dawn	Clear	SC 26/33	25	21	33	30	0.34	1.88
Spring	Clear	SC 59/52	55	29	27	51	0.59	1.88
Aura	Clear	SC 48/46	45	27	24	43	0.49	1.88
Snow	Clear	SC 21/28	20	26	34	26	0.3	1.88
Nectar	Clear	SC 32/35	31	23	20	32	0.37	1.87
Ivory	Clear	SC 20/25	19	34	22	21	0.24	1.86
Cove	Blue	SH 18/25	17	12	33	22	0.25	1.88
Marine	Blue	SH 38/37	36	19	29	33	0.38	1.88
Bay	Blue	SH 31/34	30	13	34	29	0.34	1.9
Orchid Blue	Blue	SH 13/23	13	14	34	19	0.22	1.88
Indigo	Blue	SH 22/26	20	12	20	23	0.26	1.87
Bluebell	Blue	SH 13/21	12	17	23	17	0.20	1.86
Pine	Green	SN 22/24	21	16	33	21	0.24	1.66
Meadow	Green	SN 49/38	47	25	28	34	0.39	1.88
Coral	Green	SN 39/35	37	20	24	30	0.34	1.88
Jade	Green	SN 18/24	18	20	34	21	0.24	1.88
Lime	Green	SN 27/26	26	18	20	23	0.26	1.87
Citrus	Green	SN 16/21	15	25	24	17	0.20	1.86

# AIS Ecosense Exceed

## Parameters



### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12mm Air Gap + 6 mm Clear Glass - Brook Plus Series

Product Name	Code	Visible Light			SF	SC	U-Value
		Transmission	Reflection				
			External	Internal			
		%	%	%			
Clear Brook Plus	LC 33/22	33	39	21	22	0.25	1.7
Blue Brook Plus	LH 20/18	20	20	23	18	0.21	1.7
Green Brook Plus	LN 26/18	26	30	23	18	0.21	1.7

### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12 mm Air Gap + 6 mm Clear Essence - Brook Plus Series

Clear Brook Plus	LC 33/22	31	39	21	22	0.25	1.65
Blue Brook Plus	LH 20/18	19	20	23	17	0.2	1.64
Green Brook Plus	LN 26/18	25	30	23	17	0.2	1.63

### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12 mm Air Gap + 6 mm Clear Glass - Vision Series

Clear Vision	LC 39/29	39	23	10	29	0.33	1.7
Blue Vision	LH 24/20	24	13	10	20	0.23	1.7
Green vision	LN 34/22	34	19	13	22	0.25	1.7

### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12mm Airgap + 6 mm Clear Essence - Vision Series

Clear vision	LC 39/29	36	24	11	28	0.32	1.65
Blue vision	LH 24/20	23	13	10	19	0.22	1.64
Green vision	LN 34/22	31	19	10	21	0.24	1.64

# AIS Ecosense Exceed

## Parameters



### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12 mm Air Gap + 6 mm Clear Glass - Lite Plus Series

Product Name	Code	Visible Light			SF	SC	U-Value
		Transmission	Reflection				
			External	Internal			
		%	%	%			
Clear Lite Plus	LC 54/37	54	15	11	37	0.43	1.7
Blue Lite Plus	LH 38/27	38	10	10	27	0.31	1.7
Green Lite Plus	LN 47/28	47	14	11	28	0.32	1.7

### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12 mm Air Gap + 6 mm Clear Essence - Lite Plus Series

Clear Lite Plus	LC 54/37	52	15	12	36	0.41	1.64
Blue Lite Plus	LH 38/27	36	10	11	26	0.30	1.64
Green Lite Plus	LN 47/28	45	14	12	27	0.31	1.64

### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12 mm Air Gap + 6 mm Clear Glass - Radiance Plus Series

Clear Radiance Plus	LC 49/32	49	20	14	32	0.37	1.7
Blue Radiance Plus	LH 34/24	34	13	12	24	0.28	1.7
Green Radiance Plus	LN 42/24	42	17	14	24	0.28	1.7

### Ecosense Exceed - 6 mm Solar Control Low-E Glass + 12 mm Air Gap + 6 mm Clear Essence - Radiance Plus Series

Clear Radiance Plus	LC 49/32	46	20	13	31	0.36	1.65
Blue Radiance Plus	LH 34/24	32	12	13	23	0.26	1.65
Green Radiance Plus	LN 42/24	39	17	13	23	0.26	1.65

# AIS Ecosense Edge

## Parameters



**ecosense**  
The green standard in glass

### Ecosense Edge - Solar Control & Thermal Insulation Glass - 6 mm

Product Name	Shade	Code	Visible Light			SF	SC	U-Value
			Transmission	Reflection				
				External	Internal			
%	%	%	%	%	W/m <sup>2</sup> K			
Natura	Clear	TC 25/24	28	27	10	30	0.35	3.7
Electra	Blue	TH 16/19	19	14	10	27	0.31	3.7
Chroma	Green	TN 20/19	23	21	10	26	0.3	3.7

### Ecosense Edge - 6 mm Solar Control Glass & Thermal Insulation Glass + 12 mm Air Gap + 6 mm Clear Glass

Natura	Clear	TC 25/24	25	28	16	24	0.27	1.96
Electra	Blue	TH 16/19	16	15	16	19	0.22	1.96
Chroma	Green	TN 20/19	20	21	16	19	0.21	1.94

### Ecosense Edge - 6 mm Solar Control Glass & Thermal Insulation Glass + 12 mm Air Gap + 6 mm Clear Low-E Glass/Clear Essence

Natura	Clear	TC 25/24	24	28	16	23	0.26	1.76
Electra	Blue	TH 16/19	15	15	16	18	0.2	1.76
Chroma	Green	TN 20/19	19	21	16	18	0.2	1.76

# AIS Ecosense Essence

## Parameters



**ecosense**  
The green standard in glass

Ecosense Essence - 6 mm Low-E Glass + 12 mm Air Gap + 6 mm Clear Glass

Product Name	Code	Visible Light			SF	SC	U-Value
		Transmission	Reflection				
			External	Internal			
%	%	%	%	%	W/m <sup>2</sup> K		
Clear Essence	EC 72/56	72	15	14	56	0.64	1.88
Blue Essence	EH 46/35	46	9	13	35	0.40	1.8
Green Essence	EN 58/35	58	12	13	35	0.40	1.80

# AIS Ecosense Excel

## Parameters



**ecosense**  
The green standard in glass

Ecosense Excel - 6 mm Solar Control Double Low-E Glass + 12 mm Air Gap + 6 mm Clear Glass

Product Name	Shade	Code	Visible Light			SF	SC	U-Value
			Transmission	Reflection				
				External	Internal			
%	%	%	%	%	W/m <sup>2</sup> K			
Clear Pearl	Clear	DC 41/23	41	19	13	23	0.26	1.6
Blue Pearl	Blue	DH 27/19	27	12	13	19	0.22	1.6
Green Pearl	Green	DN 34/20	34	15	13	20	0.23	1.6
Clear Sparkle	Clear	DC 46/25	46	19	17	25	0.29	1.6
Blue Sparkle	Blue	DH 31/20	31	12	18	20	0.23	1.6
Green Sparkle	Green	DN 41/22	41	17	18	22	0.25	1.6