



TECHNICAL SPECIFICATIONS

Ecosense Enhance – Performance Parameters

Product Name	Glass Details		Light Factors			Energy Factors		
	Shade	Code	Transmission	Reflection		SF	SC	U-Value
				External	Internal			
%	%	%	%	%	W/m ² K			

Solar Control Glass - 6 mm

Spring	Clear	SC 59/52	65	26	26	64	0.73	5.40
Nimbus	Clear	SC 47/48	54	21	13	59	0.68	5.10
Aura	Clear	SC 48/46	53	25	21	58	0.67	5.40
Nectar	Clear	SC 32/35	37	22	16	45	0.52	4.80
Dawn	Clear	SC 26/33	29	18	26	43	0.49	5.40
Snow	Clear	SC 21/28	23	26	36	38	0.44	5.40
Ivory	Clear	SC 20/25	23	34	19	34	0.39	4.50
Marine	Blue	SH 38/37	43	17	28	48	0.55	5.40
Serene	Blue	SH 31/33	35	16	12	45	0.52	5.10
Bay	Blue	SH 31/34	35	12	22	46	0.53	5.40
Indigo	Blue	SH 22/26	24	12	16	38	0.43	4.90
Cove	Blue	SH 18/25	20	12	26	36	0.41	5.40
Orchid Blue	Blue	SH 13/23	15	14	35	35	0.40	5.40
Bluebell	Blue	SH 13/21	14	17	20	32	0.37	4.50
Meadow	Green	SN 49/38	56	22	26	48	0.56	5.40
Harmony	Green	SN 40/34	46	16	15	46	0.53	5.10
Coral	Green	SN 39/35	44	19	22	46	0.53	5.40
Lime	Green	SN 27/26	31	17	16	37	0.43	4.80
Pine	Green	SN 22/24	25	14	26	35	0.40	5.40
Jade	Green	SN 18/24	21	20	35	36	0.41	5.40
Citrus	Green	SN 16/21	18	25	21	31	0.36	4.50
Gold	Gold	SC 44/48	49	26	27	58	0.67	5.40

6 mm (Solar Control Glass) - 12 mm (Air Gap) - 6 mm (Clear Glass)

Spring	Clear	SC 59/52	59	29	28	52	0.60	2.80
Nimbus	Clear	SC 47/48	47	23	18	48	0.55	2.80
Aura	Clear	SC 48/46	48	27	25	46	0.53	2.80
Nectar	Clear	SC 32/35	32	23	21	35	0.39	2.70
Dawn	Clear	SC 26/33	26	19	28	33	0.38	2.80
Snow	Clear	SC 21/28	21	27	36	28	0.32	2.80
Ivory	Clear	SC 20/25	20	34	23	25	0.29	2.60
Marine	Blue	SH 38/37	38	19	30	37	0.43	2.80
Serene	Blue	SH 31/33	31	17	17	33	0.38	2.80
Bay	Blue	SH 31/34	31	13	25	34	0.39	2.80
Indigo	Blue	SH 22/26	22	13	21	26	0.30	2.70

Ecosense Enhance – Performance Parameters

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%	%	%	%	%	W/m ² K			

6 mm (Solar Control Glass) - 12 mm (Air Gap) - 6 mm (Clear Glass)

Cove	Blue	SH 18/25	18	12	28	25	0.29	2.80
Orchid Blue	Blue	SH 13/23	13	14	35	23	0.26	2.80
Bluebell	Blue	SH 13/21	13	17	24	21	0.24	2.60
Meadow	Green	SN 49/38	49	25	29	38	0.44	2.80
Harmony	Green	SN 40/34	40	18	20	34	0.39	2.80
Coral	Green	SN 39/35	39	20	25	35	0.40	2.80
Lime	Green	SN 27/26	27	18	20	26	0.30	2.70
Pine	Green	SN 22/24	22	16	28	24	0.28	2.80
Jade	Green	SN 18/24	18	20	35	24	0.28	2.80
Citrus	Green	SN 16/21	16	25	24	21	0.24	2.60
Gold	Gold	SC 44/48	44	27	29	48	0.56	2.80

6 mm (Solar Control Glass) - 12 mm (Air Gap) - 6 mm (Clear Low-E Glass / Clear Essence)

Spring	Clear	SC 59/52	55	29	27	51	0.59	1.88
Nimbus	Clear	SC 47/48	45	23	18	44	0.50	1.88
Aura	Clear	SC 48/46	45	27	24	43	0.49	1.88
Nectar	Clear	SC 32/35	31	23	20	32	0.37	1.87
Dawn	Clear	SC 26/33	25	21	33	30	0.34	1.88
Snow	Clear	SC 21/28	20	26	34	26	0.30	1.88
Ivory	Clear	SC 20/25	19	34	22	21	0.24	1.86
Marine	Blue	SH 38/37	36	19	29	33	0.38	1.88
Serene	Blue	SH 31/33	29	17	17	28	0.33	1.88
Bay	Blue	SH 31/34	30	13	34	29	0.34	1.90
Indigo	Blue	SH 22/26	20	12	20	23	0.26	1.87
Cove	Blue	SH 18/25	17	12	33	22	0.25	1.88
Orchid Blue	Blue	SH 13/23	13	14	34	19	0.22	1.88
Bluebell	Blue	SH 13/21	12	17	23	17	0.20	1.86
Meadow	Green	SN 49/38	47	25	28	34	0.39	1.88
Harmony	Green	SN 40/34	38	18	20	29	0.33	1.88
Coral	Green	SN 39/35	37	20	24	30	0.34	1.88
Lime	Green	SN 27/26	26	18	20	23	0.26	1.87
Pine	Green	SN 22/24	21	16	33	21	0.24	1.66
Jade	Green	SN 18/24	18	20	34	21	0.24	1.88
Citrus	Green	SN 16/21	15	25	24	17	0.20	1.86
Gold	Gold	SC 44/48	41	28	28	43	0.49	1.88

Ecosense Exceed – Performance Parameters

Product Name	Glass Details		Light Factors			Energy Factors		
	Shade	Code	Transmission	Reflection		SF	SC	U-Value
				External	Internal			
%	%	%	%	%	W/m ² K			

6 mm Solar Control Low E Glass - 12 mm (Air Gap) - 6 mm (Clear Glass)

Clearlite Plus	Clear	LC 54/37	54	15	11	37	0.43	1.70
Clear Radiance Plus	Clear	LC 49/32	49	20	14	32	0.37	1.70
Clearvision	Clear	LC 39/29	39	23	10	29	0.33	1.70
Clear Brook Plus	Clear	LC 33/22	33	39	21	22	0.25	1.70
Clear Comfort	Clear	LC 30/24	30	25	14	24	0.28	1.70
Clear Priva	Clear	LC 30/22	30	31	17	22	0.26	1.60
Clear Platina	Clear	LC 27/21	27	40	16	21	0.24	1.67
Bluelite Plus	Blue	LH 38/27	38	10	10	27	0.31	1.70
Blue Radiance Plus	Blue	LH 34/24	34	13	12	24	0.28	1.70
Blue Berry	Blue	LH 29/26	29	21	20	26	0.30	1.70
Bluevision	Blue	LH 24/20	24	13	10	20	0.23	1.70
Blue Brook Plus	Blue	LH 20/18	20	20	23	18	0.21	1.62
Blue Comfort	Blue	LH 20/19	20	13	14	19	0.22	1.70
Blue Priva	Blue	LH 20/18 II	20	14	17	18	0.21	1.60
Blue Platina	Blue	LH 18/17	18	18	17	17	0.20	1.64
Greenlite Plus	Green	LN 47/28	47	14	11	28	0.32	1.70
Green Radiance Plus	Green	LN 42/24	42	17	14	24	0.28	1.70
Greenvision	Green	LN 34/22	34	19	13	22	0.25	1.70
Green Brook Plus	Green	LN 26/18	26	30	23	18	0.21	1.70
Green Comfort	Green	LN 26/20	26	18	14	20	0.23	1.70
Green Priva	Green	LN 26/19	26	21	17	19	0.22	1.60
Green Platina	Green	LN 24/18	24	28	17	18	0.21	1.64
Exceed Gold	Gold	LC 30/22	30	40	45	22	0.25	1.60

Ecosense Exceed – Performance Parameters

Product Name	Glass Details		Light Factors			Energy Factors		
	Shade	Code	Transmission	Reflection		SF	SC	U-Value
				External	Internal			
%	%	%	%	%	%	W/m ² K		

6 mm Solar Control Low E Glass - 12 mm (Air Gap) - 6 mm Clear Essence (Low E Glass)

Clearlite Plus	Clear	LC 54/37	52	15	12	36	0.41	1.64
Clear Radiance Plus	Clear	LC 49/32	46	20	13	31	0.36	1.65
Clearvision	Clear	LC 39/29	36	24	11	28	0.32	1.65
Clear Brook Plus	Clear	LC 33/22	31	39	21	22	0.25	1.65
Clear Comfort	Clear	LC 30/24	29	25	15	23	0.26	1.64
Clear Priva	Clear	LC 30/22	29	31	17	21	0.25	1.59
Clear Platina	Clear	LC 27/21	26	40	17	20	0.23	1.60
Bluelite Plus	Blue	LH 38/27	36	10	11	26	0.30	1.64
Blue Radiance Plus	Blue	LH 34/24	32	12	13	23	0.26	1.65
Blue Berry	Blue	LH 29/26	27	21	20	25	0.29	1.68
Bluevision	Blue	LH 24/20	23	13	10	19	0.22	1.64
Blue Brook Plus	Blue	LH 20/18	19	20	23	17	0.20	1.60
Blue Comfort	Blue	LH 20/19	19	13	15	18	0.21	1.64
Blue Priva	Blue	LH 20/18 II	19	14	17	17	0.20	1.59
Blue Platina	Blue	LH 18/17	17	18	17	17	0.20	1.64
Greenlite Plus	Green	LN 47/28	45	14	12	27	0.31	1.64
Green RadiancePlus	Green	LN 42/24	39	17	13	23	0.26	1.65
Greenvision	Green	LN 34/22	31	19	10	20	0.23	1.38
Green Brook Plus	Green	LN 26/18	25	30	23	17	0.20	1.60
Green Comfort	Green	LN 26/20	25	18	15	19	0.22	1.64
Green Priva	Green	LN 26/19	25	21	17	18	0.21	1.59
Green Platina	Green	LN 24/18	23	28	17	17	0.20	1.60
Exceed Gold	Gold	LC 30/22	27	40	45	21	0.24	1.58

Ecosense Edge – Performance Parameters

Product Name	Glass Details		Light Factors			Energy Factors		
	Shade	Code	Transmission	Reflection		SF	SC	U-Value
				External	Internal			
%	%	%	%	%	W/m ² K			

Ecosense Edge / Edge Plus (Solar Control & Thermal Insulation Glass) – 6 mm

Natura Plus	Clear	SC 40/33	45	20	6	42	0.48	4.60
Natura	Clear	TC 25/24	28	27	10	30	0.35	3.70
Electra Plus	Blue	SH 27/25	30	12	6	33	0.38	4.60
Electra	Blue	TH 16/19	19	14	10	27	0.31	3.70
Chroma Plus	Green	SN 35/23	38	19	6	31	0.36	4.60
Chroma	Green	TN 20/19	23	21	10	26	0.30	3.70

Ecosense Edge / Edge Plus – 6 mm (Solar Control & Thermal Insulation Glass) –12 mm (Air Gap) - 6 mm (Clear Glass)

Natura Plus	Clear	TC 40/33	40	22	12	33	0.38	2.40
Natura	Clear	TC 25/24	25	28	16	24	0.27	1.96
Electra Plus	Blue	TH 27/25	27	12	12	25	0.29	2.40
Electra	Blue	TH 16/19	16	15	16	19	0.22	1.96
Chroma Plus	Green	TN 35/23	35	12	12	23	0.26	2.40
Chroma	Green	TN 20/19	20	21	16	19	0.21	1.94

Ecosense Essence – Performance Parameters

Product Name	Glass Details		Light Factors			Energy Factors		
	Shade	Code	Transmission	Reflection		SF	SC	U-Value
				External	Internal			
%	%	%	%	%	W/m ² K			

6 mm Low E Glass - 12 mm (Air Gap) - 6 mm (Clear Glass)

Clear Essence	Clear	EC 72/56	72	15	14	56	0.64	1.88
Blue Essence	Blue	EH 46/35	46	9	13	35	0.40	1.80
Green Essence	Green	EN 58/35	58	12	13	35	0.40	1.80

Ecosense Excel – Performance Parameters

Product Name	Glass Details		Light Factors			Energy Factors		
	Shade	Code	Transmission	Reflection		SF	SC	U-Value
				External	Internal			
%	%	%	%	%	%			

6 mm Double Low E Glass - 12 mm (Air Gap) - 6 mm (Clear Glass)

Clear Star	Clear	DC 55/33	55	12	13	33	0.38	1.60
Clear Sparkle	Clear	DC 46/25	46	19	17	25	0.29	1.60
Clear Pearl	Clear	DC 41/23	41	19	13	23	0.26	1.60
Clear Marvel	Clear	DC 30/18	30	19	18	18	0.21	1.60
Blue Star	Blue	DH 36/25	36	6	12	25	0.28	1.60
Blue Sparkle	Blue	DH 31/20	31	12	18	20	0.23	1.60
Blue Pearl	Blue	DH 27/19	27	12	13	19	0.22	1.60
Blue Marvel	Blue	DH 21/16	21	11	19	16	0.19	1.60
Green Star	Green	DN 46/26	46	9	12	26	0.30	1.60
Green Sparkle	Green	DN 41/22	41	17	18	22	0.25	1.60
Green Pearl	Green	DN 34/20	34	15	13	20	0.23	1.60
Green Marvel	Green	DN 27/18	27	16	19	18	0.21	1.60