

EFG VISIONCOOL Series

Solar Control Magnetron Sputter Coated Float Glass

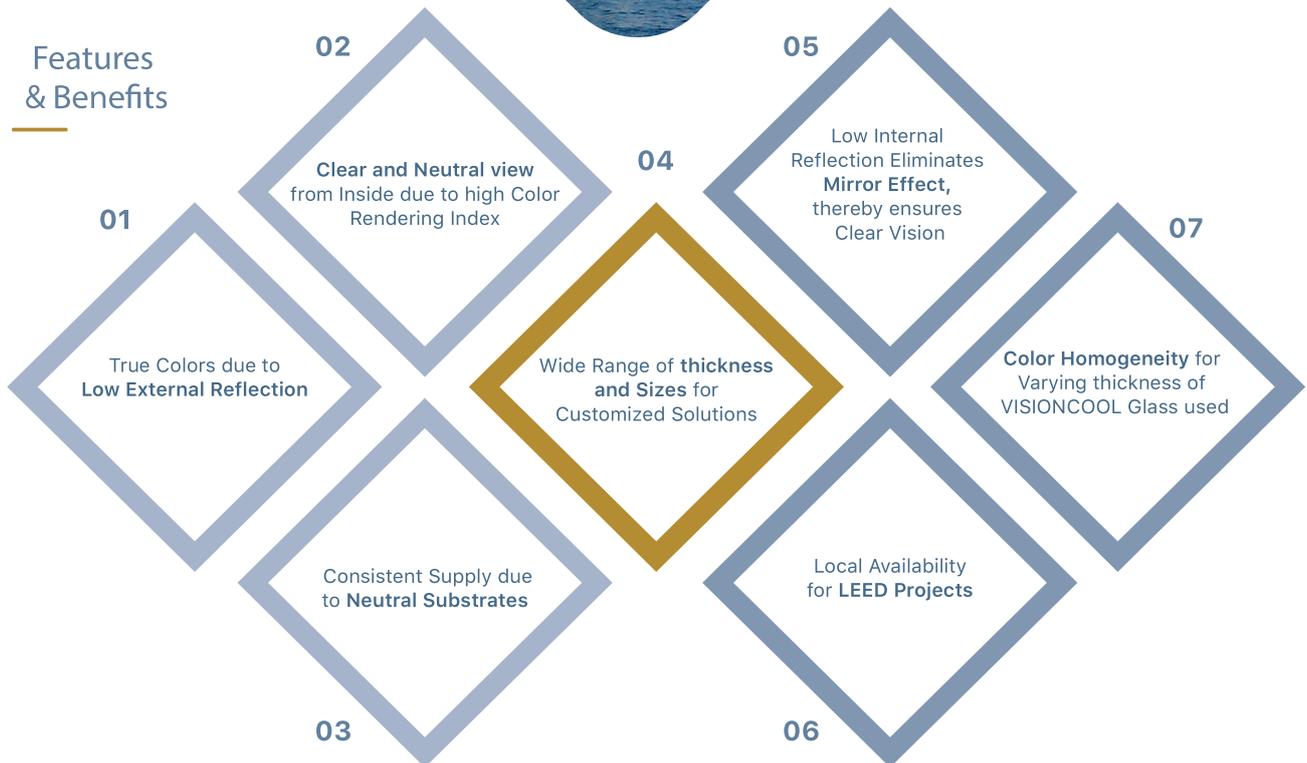


الإمارات للأوقاف
الزجاج الملتصق
EFG VISIONCOOL GLASS



SCAN
CONNECT
DISCOVER

Features & Benefits



Emirates Float Glass VISIONCOOL

Solar Control Magnetron Sputter Coated Float Glass



EFG Vision Cool Solar Control Glass on #2- Airspace- 6mm EFG NE 80 Clear Low E Glass (Double Glazed Unit)

VISION COOL SERIES	VISIBLE LIGHT			COLOUR REDDERING INDEX (RA)	SOLAR ENERGY		EUROPEAN STANDARDS - EN 410 / 673			AMERICAN STANDARDS - NFRC 100:2010 SUMMER DAY				
	TRANSMISSION (VLT)	REF OUT (RO)	REF IN (RIN)		DIRECT TRANSMISSION (TE)	REFLECTION OUT (PE)	SOLAR FACTOR (G-VALUE) EN 410	U- VALUE 6-12MM AIR-6 (W/SQ.MTR/ KELVIN)	U- VALUE 6-16MM AIR-6 (W/SQ.MTR/ KELVIN)	U- VALUE 6-12MM AIR-6 (W/SQ.MTR/ KELVIN)	U- VALUE 6-16MM AIR-6 (W/SQ.MTR/ KELVIN)	SOLAR HEAT GAIN CO EFFICIENT (SHGC)	SHADING CO EFFICIENT (SC)	RELATIVE HEAT GAIN (RHG) W/ SQ.MTR/ KELVIN
VISION COOL GREY	22	6	15	95	14	9	0.21	1.58	1.33	1.57	1.31	0.22	0.25	168
VISION COOL dark GREY	11	15	15	97	7	27	0.12	1.58	1.33	1.57	1.31	0.13	0.15	104
VISION COOL Light Grey	50	12	21	96	30	15	0.40	1.58	1.33	1.57	1.31	0.39	0.45	291
VISION COOL Blue	17	13	17	95	11	12	0.18	1.58	1.33	1.57	1.31	0.18	0.21	143
VISION COOL Bronze	16	11	13	95	9	15	0.16	1.58	1.33	1.57	1.31	0.17	0.19	131
VISION COOL Green	20	14	14	94	13	11	0.20	1.58	1.33	1.57	1.31	0.20	0.23	158
VISION COOL GOLD	23	22	18	95	14	23	0.20	1.58	1.33	1.57	1.31	0.21	0.24	162
VISION COOL Neutral 67	57	20	22	97	35	24	0.45	1.58	1.33	1.57	1.31	0.43	0.50	324

EFG Vision Cool Solar Control Glass on #2- Airspace- 6mm EFG Vitralite Clear Float Glass (Double Glazed Unit)

VISION COOL GREY	23	6	13	94	18	8	0.28	2.50	2.40	2.49	2.35	0.30	0.35	239
VISION COOL DARK GREY	12	15	14	97	9	26	0.32	2.33	2.20	2.38	2.23	0.18	0.21	151
VISION COOL Light GREY	52	12	15	96	42	9	0.51	2.71	2.59	2.70	2.59	0.52	0.60	398
VISION COOL blue	19	13	15	94	14	10	0.23	2.40	2.20	2.40	2.25	0.25	0.29	200
VISION COOL bronze	17	10	11	94	13	14	0.21	2.42	2.26	2.41	2.27	0.23	0.27	188
VISION COOL green	21	13	12	92	17	9	0.26	2.46	2.31	2.45	2.31	0.28	0.32	222
VISION COOL gold	24	22	16	96	19	21	0.27	2.48	2.33	2.47	2.33	0.29	0.33	229
VISION COOL Neutral 67	60	20	21	97	50	14	0.57	2.79	2.68	2.77	2.67	0.59	0.67	446

EFG Vision Cool Solar Control Glass on #2- Monolithic(Single Glazing) Glass

VISION COOL SERIES	VISIBLE LIGHT			COLOUR REDDERING INDEX (RA)	SOLAR ENERGY		EUROPEAN STANDARDS - EN 410 / 673		AMERICAN STANDARDS - NFRC 100:2010 SUMMER DAY			
	TRANSMISSION (VLT)	REF OUT (RO)	REF IN (RIN)		DIRECT TRANSMISSION (TE)	REFLECTION OUT (PE)	SOLAR FACTOR (G-VALUE) EN 410	U- VALUE (W/SQ.MTR/ KELVIN)	U- VALUE (W/SQ.MTR/ KELVIN)	SOLAR HEAT GAIN CO EFFICIENT (SHGC)	SHADING CO EFFICIENT (SC)	RELATIVE HEAT GAIN (RHG) W/ SQ.MTR/ KELVIN
VISION COOL GREY	26	5	7	96	23	8	0.39	4.90	4.0	0.40	0.46	322
VISION COOL dark GREY	13	15	7	98	11	26	0.48	5.50	3.8	0.26	0.30	219
VISION COOL Light Grey	58	9	15	97	51	7	0.62	5.40	4.7	0.63	0.72	493
VISION COOL Blue	21	13	9	95	17	10	0.32	4.70	3.8	0.34	0.39	278
VISION COOL Bronze	19	10	4	95	15	14	0.31	4.70	3.8	0.32	0.37	264
VISION COOL Green	24	13	5	93	20	9	0.36	4.80	3.9	0.38	0.43	304
VISION COOL GOLD	27	21	11	95	20	11	0.36	4.80	4.0	0.37	0.43	303
VISION COOL Neutral 67	66	16	17	99	61	11	0.67	5.60	5.0	0.69	0.79	538

VISIONCOOL Processing Guidelines

PRODUCT	MONOLITHIC	HEAT TREATMENT	LAMINATION	NO EDGE DELETION	CERAMIC FRIT	SHELF LIFE
EFG VISIONCOOL SERIES	✓	✓	✓	✓	✓	12 MONTHS

Note/s Disclaimer

All the above NFRC 2010-100 calculations are made as per LBNL Windows 7.8 Simulation software. EN 410-EN 673 calculations are based On third party software and is validated by the renowned Stanzione Sperimentale Del Vetro (SSV) Scpa – The Glass Research Centre at Italy. EFG Reserves the right to change product performance without notice or obligation. EFG VISIONCOOL Products may require Heat Treatment to resist thermal stress. EFG VISIONCOOL Products are available on Vitralite Clear Substrate. However it is also available on Tinted Substrates on Specific request. Please contact EFG Sales Team for further details or mail to us sales@efgme.com

Get In Touch



P : +971-2-599-4000 F : +971-2-550-2682

P.O. Box: 8869 Abu Dhabi | UAE
sales@efgme.com | www.efgme.com