

Window Film Performance Specifications

	Visible Light Transmission	Total Solar Energy Rejected	Luminous Efficacy	Shading Coefficent	Solar Heat Gain Coefficent	Total Solar Transmittance	Total Solar Reflectance	Total Solar Absorbtance	Visible Light Reflectance (Int)	Visible Light Reflectance (Ext)	Ultraviolet Rejected	Glare Reduction	Winter Median U-Value	Emissivity
Clear Glass	90	14	.91	.99	.84	83	8	9	8	8	29	0	1.2	.86
ComforTech™ Ceramic Series Dual reflective nano ceramic film available in five performance shades featuring neutral colors, uniform color and low reflectivity for excellent exterior views.														
ComforTech™ 45	45	51	.79	.57	.48	36	14	50	13	15	>99	51	.99	.83
ComforTech™ 35	35	58	.73	.48	.41	29	24	47	14	25	>99	61	.98	.81
ComforTech™ 25	23	69	.64	.36	.31	19	36	45	17	40	>99	74	.96	.77
ComforTech™ 15	15	75	.52	.29	.25	13	44	43	21	47	>99	84	.94	.75
ComforTech™ 05	7	82	.35	.20	.18	7	54	39	14	65	>99	92	.92	.71

Window Film Construction

Ply	2 Ply
Thickness	2.0 mil
Metal	Nano Vapor Deposition
Color	Dye Free Ceramic
Adhesive	Ultra Clear Dry Adhesive
Coating	Scratch Resistant
Liner	Polypropylene



Specifications represent film mounted to 1/8" (3mm) clear glass. The film performance specifications reported by Concord Window Film were captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. ©Concord Window Film. All rights reserved. No liability is accepted for errors.

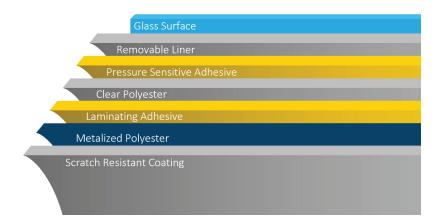


CWF Silver 15 Reflective Film

Window Film Performance Specifications

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Clear Glass	90	14	.91	.99	.84	83	8	9	8	8	29	0	1.2	.86
Concord Window Film Re	flective	Э												
CWF Silver 15	16	79	.64	.25	.21	12	54	34	62	62	>99	82	.94	.71

Window Film Construction



Physical Properties

Ply	2 Ply
Thickness	1.5 Mil
Metal	Vapor Deposition
Color	Dye Free
Adhesive	Pressure Sensitive
Scratch Resistant	Yes
Liner	Polyester

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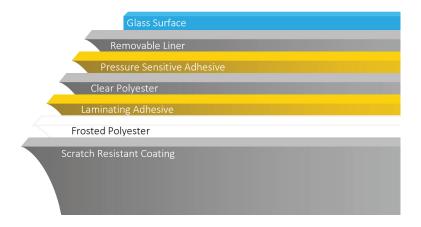


CWF Matte White Privacy Film

Window Film Performance Specifications

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Clear Glass	90	14	.91	.99	.84	83	8	9	8	8	29	0	1.2	.86
Concord Window Film De	corativ	ve												
CWF Matte White	68	31	.84	.81	.69	61	9	30	9	10	>99	32	1.09	.85

Window Film Construction



Physical Properties

Ply	2 Ply
Thickness	1.5 Mil
Metal	Metal Free
Color	Dye Free
Adhesive	Pressure Sensitive
Scratch Resistant	Yes
Liner	Polyester

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CWF 4 Mil Clear Safety Film

Window Film Performance Specifications

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Clear Glass	90	14	.91	.99	.84	83	8	9	8	8	29	0	1.2	.86
Concord Window Film Sa	fety Fi	lm												
CWF 4 Mil Clear	88	18	.91	.97	.82	87	10	3	11	11	>99	13	1.08	.90

Window Film Construction & Testing

Physical Properties

Tensile Strength at Break (Kg/cm2)	1900
Peel Strength after complete curing (Kg/inch)	3.275
ASTM D2582 Ave. Puncture Strength	Not Available
British Standard 6206 Test	Class B
BS-EN 12600 Test	Class 2B
ANSI-Z-97.1 TEST	Class B
16 CFR 1201 US Govt. Standard Test	Not Available

Other Testing Data

Construction	2 Ply
Metal Laminates (%)	0%
Clear Laminates (Yes/No)	Yes
Colored Laminates (%)	0%
Adhesive	Pressure-sensitive

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