



Architectural Window Film

Data Sheet

SolarZone™ Interior

Matte™ 2 mil, Black Out™, White Out™, UV Filter™ Film 2 mil

Introduction

Matte white films give a translucent sandblasted effect, adding privacy or designer elegance to doors, windows and room dividers. Black or White Out films are ideal for hiding views or for disguising features that spoil the external appearance of glass-fronted buildings. UV Filter Film provides a very good level of protection from UV radiation, both UV-A and UV-B rays without altering the clarity of the glass.

Typical Usage

- Ideal for enhancing the functionality and appearance of glass
- All speciality films are popular for indoor applications in the areas of:
 - Residential & Commercial
 - Museum & Retail

Product Construction

Face: Matte 2 mil, Black Out, White Out, UV Filter

Adhesive: Pressure sensitive permanent - solvent based acrylic

Liner: PET

Certificates

Fire Certificate:

- Matte 2 mil, UV Filter: DIN EN 13501-1: 2010 B-s1, d0



Shelf Life and storage conditions:

When stored in original packaging upon arrival at the customer: 2 years.

Recommended Storage conditions are 20 °C (\pm 2 °C) with 50 %RH (\pm 5%).

Key Features

- Matte white films provide a translucent sandblasted effect, adding privacy or designer elegance
- Privacy films are ideal for hiding unattractive views

Film Performance

Warranted Durability in Years:

	Matte Translucent 2 mil	Black Out	White Out	UV Filter 2 mil
Durability	12	5	5	12



Optical & Solar Properties

Glazing Unit: Pane Single Clear 3mm	Matte Translucent 2 mil	Black Out	White Out	UV Filter 2 mil
Visible Light Transmitted %	72	0	10	87
Visible Light Reflected - Interior %	-	-	-	-
Visible Light Reflected - Exterior %	17	6	48	11
UV Block %	94	100	99	100
Total Solar Energy Reflected %	14	41	36	9
Total Solar Energy Transmitted %	68	0	17	79
Total Solar Energy Absorbed %	18	59	47	12
Emissivity (Room Side)	0.90	0.72	0.90	0.86
Glare Reduction %	20	100	89	3
Selective InfraRed Reduction %	33	99	98	21
InfraRed Energy Reduction %	26	91	62	17
Shading Coefficient	0.84	0.20	0.37	0.95
Solar Heat Gain Coefficient (G-Value)	0.73	0.16	0.31	0.82
U-Value Winter (IP)	1.07	0.98	1.07	1.05
U-Value Winter (SI)	6.08	5.57	6.08	5.96
Luminous Efficacy	0.86	0	0.27	0.92
Total Solar Energy Rejected	27	84	69	18



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