



Architectural Window Film

Data Sheet

SafetyZone™ SolarZone™ Interior **5, 12 mil Matte™**

Introduction

Matte white films combine the shard protection of SafetyZone security films with aesthetics. The translucent sandblasted effect of Matte films add privacy and or designer elegance to doors, windows and room dividers. Available in 5 and 12 mil security versions.

Typical Usage

- Interior application
- Offices and spaces where privacy in combination with aesthetics and safety are required

Product Construction

Face: 5, 12 mil

Adhesive: Pressure sensitive permanent - solvent based acrylic

Liner: PET

Certificates

5 mil: DIN EN 13501-1: 2010 B-s1, d0, BS EN 12600 2B2

12 mil: 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 (± 2 °C) with 50 %RH (± 5%).



Key Features

- Visual appearance with a sandblast effect
- Combining shard protection with privacy and building aesthetics

Film Performance

Warranted Durability in Years:

	Matte, 5 mil	Matte, 12 mil
Durability	12	12

Mechanical Properties

	Matte, 5 mil	Matte, 12 mil
Thickness	5 mil	12 mil
Tensile Strength at Break	25,000 PSI	28,500 PSI
Break Strength	140 lb/inch	336 lb/inch
Elongation at Break	140%	125%
Peel Strength	5-7 lb/inch	7 lb/inch



Hanita Coatings

Optical & Solar Properties

Glazing Unit: Pane Single Clear 3mm	Matte, 5 mil	Matte, 12 mil
Visible Light Transmitted %	58	55
Visible Light Reflected - Interior %	-	-
Visible Light Reflected - Exterior %	25	28
UV Block %	98	99
Total Solar Energy Reflected %	20	23
Total Solar Energy Transmitted %	55	51
Total Solar Energy Absorbed %	25	26
Emissivity (Room Side)	-	-
Glare Reduction %	36	38
Selective InfraRed Reduction %	45	46
InfraRed Energy Reduction %	36	37
Shading Coefficient	0.90	0.90
Solar Heat Gain Coefficient (G-Value)	0.72	0.69
U-Value Winter (IP)	1.07	1.07
U-Value Winter (SI)	6.05	6.08
Luminous Efficacy	0.64	0.61
Total Solar Energy Rejected	28	31



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