



Hanita Coatings

## Architectural Window Film

### Data Sheet

#### **SafetyZone™ - Interior & Exterior (IX)**

#### **Anti-Graffiti Universal 4, 6 mil**

#### Introduction

SafetyZone Anti-Graffiti for both indoor and outdoor applications has a special scratch-resistant coating that shrugs off most spray, paint and pen, and wipes clean with standard cleaning materials. Removing and replacing etched or scratched film is quick and simple due to the film's easy-to-remove, residue-free adhesive. SafetyZone Anti-Graffiti window film is a cost effective way to maintain the service life of glazing systems in public environments.

#### Typical Usage

- A universal film for use in outdoor and indoor environments
- Used to help protect glass from permanent damage
- Protects from graffiti, vandalism and everyday wear and tear
- Ideal for locations with a high public footfall such as bus shelters, walkways, and stadiums

#### Product Construction

Face: Anti-Graffiti 4mil, 6 mil

Adhesive: Pressure sensitive Removable – Solvent based acrylic

Liner: PET

#### Certificates

Fire Certificates: 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 ( $\pm 5$ %).



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## Key Features

- Special coating developed to tackle graffiti
- Excels in spray resistance and can be wiped clean, and its 4 / 6 mil construction protects glass from scratching, gouging and etching

## Film Performance

Warranted Durability in Years:

	Anti-Graffiti Universal 4 mil IX	Anti-Graffiti Universal 6 mil IX
Vertical	2 years (10 years interior)	2 years (10 years interior)
Horizontal / Sloped	2 years (10 years interior)	2 years (10 years interior)

## Mechanical Properties

	Anti-Graffiti Universal 4 mil IX	Anti-Graffiti Universal 6 mil IX
Thickness	4 mil	6 mil
Tensile Strength at Break	28,500 PSI	28,500 PSI
Break Strength	112 lb/inch	112 lb/inch
Elongation at Break	125%	125%
Peel Strength	4-5 lb/inch	3-4 lb/inch



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## Optical &amp; Solar Properties

Glazing Unit: Pane Single Clear 3mm	Anti-Graffiti Universal 4 mil IX	Anti-Graffiti Universal 6 mil IX
Visible Light Transmitted %	90	90
Visible Light Reflected - Interior %	11	10
Visible Light Reflected - Exterior %	11	10
UV Block %	93	99.9
Total Solar Energy Reflected %	10	11
Total Solar Energy Transmitted %	82	79
Total Solar Energy Absorbed %	8	12
Emissivity (Room Side)	-	-
Glare Reduction %	0	2
Selective InfraRed Reduction %	21	22
InfraRed Energy Reduction %	18	18
Shading Coefficient	0.97	0.95
Solar Heat Gain Coefficient (G-Value)	0.84	0.82
U-Value Winter (IP)	1.04	1.07
U-Value Winter (SI)	5.91	6.05
Luminous Efficacy	0.93	0.93
Total Solar Energy Rejected	16	18



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