

Avery Dennison® Auravate Decorative Window Films - Blue Sandstone

Revision: 0

Dated: 08/21/24

Uses:

Avery Dennison® Auravate Decorative Window Film Blue Sandstone is a Polypropylene Film applied as a retrofit on existing glass to provide an enhanced decorative upgrade to plain, clear glass at a fraction of the cost of glass replacement. For use on architectural doors, windows and other flat glass applications.



Face: 5 mil (127 µm) Polypropylene



Adhesive: Clear Pressure Sensitive



Release Liner: 1.5 mil (38 µm) Silicone-Coated PET

Application Surfaces:

Interior - Flat Surface Glass

NOTE: Blue Sandstone is not recommended for use on perimeter glass.

Features:

- Ideal for architectural applications requiring privacy or visual upgrades
- Unique cool blue tint with natural sand like texture
- Outstanding durability and performance
- Clear PET release liner for optimal sample viewing
- Easy to install
- Excellent dimensional stability
- Excellent durability
- Designs that enhance plain glass

Conversion:

- Cut out of box
- Cut with Film Handler
- Trim on glass
- Wet-apply

Common Applications:

- Decorative Aesthetics
- Bathrooms
- Partitions/Movable Smooth Glass Walls
- Privacy
- Conference Rooms

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Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		5 mil (127 µm)
Caliper, adhesive		
Flammability	ASTM E84	Class A
Safety	ANSI Z97.1-1984 16 CFR 1201 U.S.G.S.	100 Ft Lb Cat II: Break Strength 100 LPI
Shelf-Life		2 years from date of manufacture (when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.)
Durability	Vertical Exposure	Reference Expected Durability section in this data sheet
Min. Application Temperature		40° F (4° C)
Service Temperature		-50° to 180°F (-45° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance		Avoid ammonia based cleaners

Data represents average values where applicable, and is not intended for specification purposes.

Related Documents:

The following Avery Dennison literature will provide necessary information to the user for proper application, storage, and other requirements and is available upon request from your Avery Dennison representative or from the Avery Dennison website (www.graphics.averydennison.com).

Document Title	Reference Number
Installation and Maintenance of Avery Dennison Architectural Window Film	Instructional Bulletin 7.00

Expected Durability

Vertical Durability applications are noted in the chart below. Samples are available from samples.graphics@averydennison.com, or through your distribution service contact.

Film	Application Location	Warranted Durability Zone 1 Vertical
Blue Sandstone	Interior Blue Sandstone is not recommended for use on perimeter glass.	3 years

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Optical and Solar Properties **

Glass	Applied on 1/8" (3mm) clear glass
Product	Blue Sandstone
Visible Light Transmitted %	29%
Ultraviolet Block %	99%

**Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

Special Considerations:

Because of the unique properties and varieties of glass, special considerations must be considered for windows and Auravate Decorative Film Applications. Avery Dennison accepts no liability for glass breakage.

- Glass absorbs heat when exposed to sunlight. The degree of absorption across windows can vary because of shading, heating, and cooling ventilation, and insulation from window frames. These temperature differences across the window produce stress, which can cause glass breakage. The ability of glass to resist breakage because of temperature stress is affected by window size, glass thickness, glass treatments, quality, and design.
- Window cleaning methods also vary, from the type of cleaners used, to the washing methods employed. Specific chemicals used in window cleaners may affect the adhesion of pressure-sensitive graphics. Power washing methods may impact the adhesion of graphics, if the water pressure or temperature exceeds the graphics adhesion capability.

Revisions are italicized

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