

# Avery Dennison® Clima Sterling DR Architectural Window Film

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## Introduction

The Avery Dennison® Clima Sterling range of dual reflective series interior film come with Silver colour with good UV rejection and exceptional solar protection. This DR film reduces glare and solar heat from entering the room and thus maintains indoor comfort; The film creates “two-way-mirror” effect.



**Face Film**  
2 Ply Lamine Polyester  
Structure Silver Colour



**Adhesive**  
Pressure sensitive Permanent –  
Solvent based acrylic



**Backing**  
PET



**Durability**  
Vertical Exposure: 6 years<sup>1</sup>



**Shelf Life**  
2 years from the date of manufacturing.  
Recommended Storage conditions are 25 °C  
(±10 °C) with 50 %RH (± 5%).

## Recommendations

The Avery Dennison® Clima Sterling DR Film Series is designed for interior applications. Nanotechnology is used to filter undesired infrared radiation while allowing visible light to pass through and maintaining colour stability.

## Features

- Outstanding glare control for enhance comfort
- Excellent Level of heat rejection for enhanced comfort and reduced cooling cost
- >99% UV Block reduces fading and damage from the sun
- “Two-way-Mirror” Effect with both side light reflection

## Conversion

For conversion information please review the Technical Bulletin “AD Solar Window Films Interior”.

### 1) Expected Durability

The durability is based on Asia Pacific exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facingsouth; in areas of high temperature exposure such as southern part countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.

## Physical Characteristics

### Optical & Solar Properties

	DR SC 2080i Silver Colour
Visible Light Transmitted %	21%
Visible Light Reflected (Int) %	54%
Visible Light Reflected (Ext) %	51%
UV Block %	>99%
Solar Energy Reflected %	47%
Solar Energy Transmitted %	17%
Solar Energy Absorbed %	36%
Shading Coefficient	0.30
Total Solar Energy Rejected %	73%
Solar Heat Gain Coefficient	0.27
Emissivity (Room side)	0.71
U-Value Winter	5.6
Glare Reduction %	76%
IRR (780~2500nm)	80%

Note: Data is based on film applied to 6mm clear glass

#### Important

Information on physical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of any material for their specific use.

All technical data is subject to change without prior notice.



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