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## ICS PERFORMANCE GUARANTEE

The ICS Performance Guarantee combines our films with other qualified components to form a system which is guaranteed to be compatible and provide superior performance. You know exactly what to expect from your finished Avery Dennison graphics as it has already withstood rigorous scientific testing and met a very stringent set of durability and physical performance specifications.

### Durability overview

Avery Dennison Facade Films	Finish	Durability period in years*		Application Surface				
		Outdoor	Indoor	Flat	Simple curves	Rivets	Compound curves	Corrugations
Facade Films	Colours	10	18	•	•	•	•	-
	Metallics	5	12	•	•	•	•	-
Facade Films (colour specific exceptions)	RAL 5001 Green Blue	5	12	•	•	•	•	-
	RAL 5005 Sign Blue	5	12	•	•	•	•	-

\* Vertical exposure, mid-European climatic conditions





# Avery Dennison® ICS Performance Guarantee

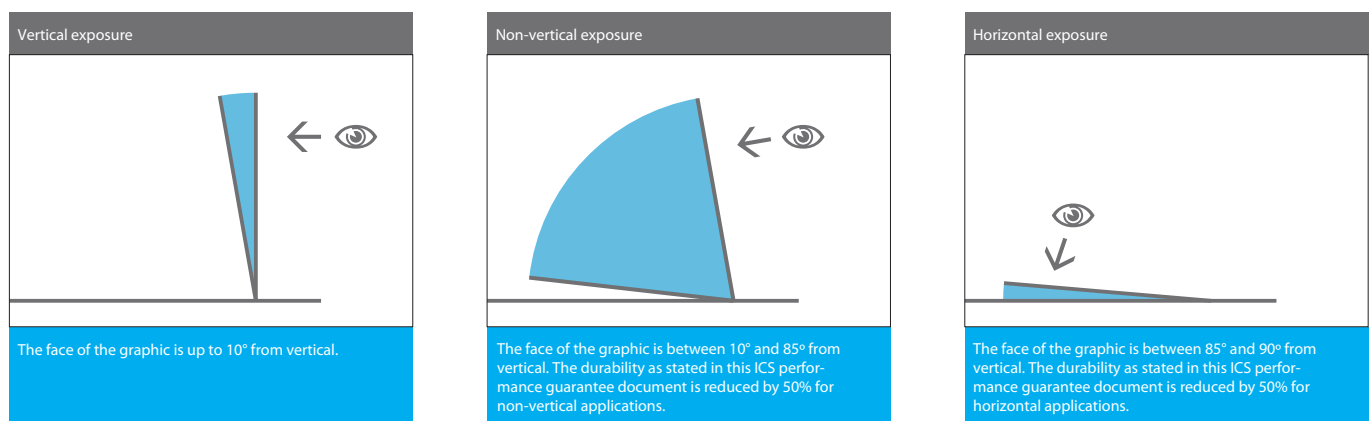
## Additional information on graphics durability

### Definition of durability and potential durability reductions.

The durability of Avery Dennison Graphics and Reflective Solutions films are defined as the expected performance life of the Avery Dennison graphic film(s) within the European region in outdoor vertical exposure conditions. The durability is defined such that the films will not deteriorate excessively, i.e. the finished graphic remains effective for its branding or decorative purpose when viewed under normal conditions from the intended viewing distance.

The actual performance life will depend on a variety of factors, including selection and preparation of substrate, angle and direction of exposure, application methods, environmental conditions and cleaning/maintenance of the films. In case of films used in areas of high temperatures or humidity, high altitudes, industrially polluted areas or the durability will be further reduced below levels stated in this ICS Performance Guarantee document.

### Angle and direction of exposure.



### Definition of durability and potential durability reductions.

**High elevations:** In mountain areas UV damage is increased over exposures at sea level. This is due to the air being thinner and therefore damage of UV radiation increases significantly.

**Congested urban or industrial areas:** Due to increased smog, pollutants and particulates in the atmosphere, applications have reduced durability expectations. Also horizontal application traps chemicals on the surface of the material, increasing the impact of UV exposure and reducing durability.





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## Additional information on graphics durability

### Zone system Europe

Based on a 3-tier climatic Zone System, durability in regions as located in Zone 1 will perform in vertical applications as stated in the product datasheets and this particular ICS Performance Guarantee Bulletin. Films used in regions identified in Zone 2 will have a reduction of two years. Films used in regions identified in Zone 3 will have a reduction of the stated durability of Zone 2 by an additional two years. Where the Zone 2 durability is less than three years, the Zone three durability is 50% of Zone 2.

Zone 1 (values as in this ICS Bulletin)		Zone 2		Zone 3	
Vertical	Non-vertical / Horizontal	Vertical	Non-vertical / Horizontal	Vertical	Non-vertical / Horizontal
10	5	8	4	6	3
5	2.5	3	1.5	1.5	0.75

Durability in years

### Zone chart

Zone 1	Zone 2	Zone 3
Albania, Andorra, Austria, Belarus, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Italy, Kosovo, Latvia, Liechtenstein, Lithuania, Luxemburg, Macedonia F.Y.R., Moldova, Monaco, Montenegro, The Netherlands, Norway, Poland, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, United Kingdom, Vatican City.	Armenia, Azerbaijan, Cyprus, Greece, Kazakhstan, Kyrgyzstan, Malta, Mauritius, Portugal, South Africa, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan.	Algeria, Bahrain, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Qatar, Saudi Arabia, Tunisia, United Arab Emirates, Yemen.

Exposed all sites (mentioned in zones 1, 2 and 3) above altitudes of 1000 meters.

### Colour Match

The durability of Facade Film Colour Matches is subject to revision based on individual interpretation of Avery Dennison internal test results. Final decision on durability is not negotiable and registration thereof will be documented in the respective ICS Warranty documents for the particular project.



**WARRANTY:** All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All durability statements based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions (location, angle, and orientation) and maintenance of the film. For instance, in the case of signs facing south; in areas of long / high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>.

For full warranty details see the Avery Dennison ICS Performance Guarantee Terms and Conditions available on request.

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