

# ECM120 - Eco Cold Lamination Matt

## Face stock

Transparent matt vinyl with a clear adhesive

Type	: Polyvinyl chloride (PVC)
Surface	: Premium transparent monomeric film
Thickness	: 60 µm ±5%
Color and finish	: Matt

## Adhesive

Type	: Clear and permanent ( <i>DRY GLUE TECHNOLOGY</i> )
Adhesive type	: Acrylic monomers in petroleum based solvents
Application temp	: 15°C ~ 40°C
Peel adhesion 20 min	: 16 - 18 N / 25 mm (ASTM D-1000)
Peel adhesion 24 hr	: 18 - 20 N / 25 mm (ASTM D-1000)
Peel adhesion 180°	: 18 N / 25 mm (Steel plate)

## Release Liner

Material	: Paper liner 100 gsm
Finish	: Single PE coated
Color	: Semi matt with grey Maxdecal logo

## Application

- Label and multi purpose use
- Can be applied on a curved surface
- Printable in solvent, eco solvent, uv, latex, and resin

## Shelf Life and Storage Condition

Shelf life	: 1 Year with original packaging
Storage temp	: 25°C ± 2°C with 50% ± 5% RH

## Durability

Outdoor	: 1 Years (Horizontal) 1 Years (Vertical)
Indoor	: 3 Years (Horizontal) 5 Years (Vertical)

## Dimension

Width	: 41"(105 cm), 50"(127 cm), 61" (155 cm)
Length	: 164.04 ft (50 m)

## Important Notice :

The information shown above is for reference only and shall not be used and relied by any party for any other purpose, including investigation. The information here is subject to change at anytime without prior notice and MAXDECAL shall not be responsible for any such changes. No guarantee or warranty is provided by MAXDECAL through disclosing such information. MAXDECAL is not responsible for any inaccurate or unauthorized representation made with respect to MAXDECAL products

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Issue date : MARCH,2024

# DURABILITY SPECIFICATIONS

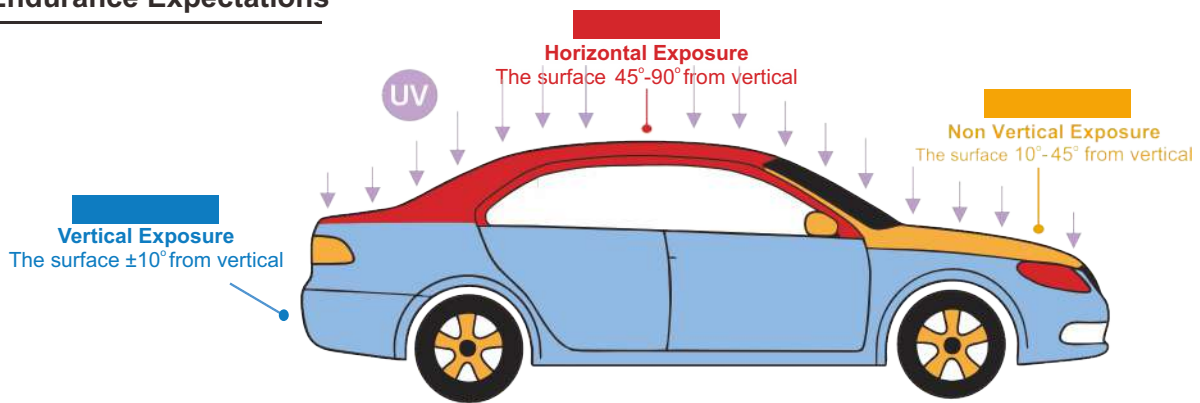
## Introduction

In general, Maxdecal films are made using high quality materials that can provide color retention and the best appearance for 5 years of use. However, this durability may vary depending on factors such as weather conditions, environment, installation methods, and maintenance and usage. The following are some factors that can affect the duration of film use:

- Exposure to UV rays,
- Weather or climate changes,
- Surrounding environmental conditions,
- Film cleaning and maintenance methods

The information above indicates the durability of the film, where the film is still able to maintain its color and appearance in accordance with Maxdecal quality standards. Slow color changes due to natural exposure are part of the normal aging process and are not considered product defects. With proper care and installation in accordance with procedures, Maxdecal film can provide optimal results and remain attractive for a long period of time

## Specific Endurance Expectations



DURABILITY	ZONE 1			ZONE 2			ZONE 3		
OUTDOOR	3 Years	2 Years	1 Years	1 Year	1 Year	1 Year	1 Years	1 Years	1 Years
INDOOR	3 Years	5 Years	5 Years	3 Year	5 Years	5 Years	3 Year	5 Years	5 Years

## Geographical Zone Map (Check Country Zoning Chart)

### ZONE 1

Andorra, Armenia, Austria, Azerbaijan, Belorussia, Belgium, Bosnia-Herzegovina, Canada, Croatia, Czech Republic, Denmark, Estonia, Finland, metropolitan France, Georgia, Germany, Greenland, Hungary, Island, Ireland, Italy (north of Rome), Kazakhstan, Latvia, Lichtenstein, Lithuania, Luxembourg, Moldavia, Montenegro, Norway, the Netherlands, Poland, Romania, United Kingdom, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, USA (excl: USA desert's -zone 3)

### ZONE 2

Afghanistan, Albania, Argentina, Australia (southern States), Bahamas, Barbados, Belize, Bangladesh, Bhutan, Burma, Bolivia, Brazil, Bulgaria, Cambodia, Cape Verde, Caribbean islands, Chile, China, Cooperative Republic of Guyana, Cuba, Cyprus, Colombia, Costa Rica, Crete, Ecuador, E1 Salvador, Fiji, French West Indies, Greece, Guatemala, Guyana, Haiti, Honduras, India, **Indonesia**, Italy (south of Rome), Jamaica, Japan, Kyrgyzstan, Korea, Laos, Lesotho, Macedonia, Malaysia, Maldives, Malta, Mongol, Nepal, Nicaragua, New Zealand, Pakistan, Panama, Papua-New-Guinea, Paraguay, Peru, Philippines, Polynesia, Porto Rico, Portugal, Dominican Republic, Sardinia, Singapore, South Africa, Spain, Sri Lanka, Surinam, Swaziland, Syria, Tajikistan, Taiwan, Thailand, East Timor, Turkey, Turkmenistan, Uruguay, USA (Arizona, California, Florida, Nevada, New Mexico, Texas, Utah), Uzbekistan, Vene-zuela, Vietnam, West Indies.

### ZONE 3

Algeria, Angola, Australia (northern and desert states), Bahrain, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo, Democratic Republic of Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon Gambia, Ghana, Guinea, Guinea Bissau, Irag, Iran, Israel, Ivory Coast, Jordan, Kenya, Kuwait, Lebanon, Liberia, Libya, Madagascar, Malawi, Mali, Morocco, Mauritius, Mauritania, Mexico, Mozambique, Namibia, Niger, Nigeria, Oman, Palestine, Qatar, Reunion Island Rwanda, Senegal, Saudi Arabia, Sierra Leone, Somalia, Sudan, Tanzania, Togo, Tunisia, Uganda, United Arab Emirates, Western Sahara, Yemen, Zambia, Zimbabwe and all desert areas