

# EVAMARINE

(EM )

## PRODUCT DESCRIPTION

**EVAMARINE** is a finish coat based on alkyd resin and excellent adhesion property, weathering resistance and excellent color retention.

## PRODUCT INFORMATION

<b>Type</b>	Alkyd resin finish paint				
<b>Recommended Use</b>	As a finishing coat on exterior wood and steel surfaces				
<b>Type of binder</b>	Alkyd resin				
<b>Color</b>	White, As specified				
<b>Flash Point</b>	43.0 °C				
<b>Solids by Volume</b>	50% ± 2 (Test Method : ISO-3233)				
<b>VOC</b>	407 g/l (EPA Method24), 445 g/l (Korea Clean Air Conservation Act)				
<b>Coverage(Theoretical)</b>	16.67 m <sup>2</sup> /l [0.060 l/m <sup>2</sup> ] at D.F.T 30μm				
<b>Wet Film Thickness</b>	50 - 70 μm				
<b>Dry Film Thickness</b>	25 - 35 μm				
<b>Drying Time</b> (at D.F.T. 30μm)	Temperature	5 °C	10 °C	20 °C	30 °C
	Surface Dry	4 hrs.	3 hrs.	2 hrs.	1.5 hrs.
	Hard Dry	30 hrs.	16 hrs.	8 hrs.	6 hrs.
<b>Painting Interval</b> (at D.F.T. 30μm)	Minimum	48 hrs.	24 hrs.	16 hrs.	12 hrs.
	Maximum	-	-	-	-
<b>Thinner</b>	MARINE THINNER				
<b>Method of Application</b>	Airless spray, Brush, Roller				
<b>Condition of Application</b>	Temperature	: Minimum - 5 °C			
	Humidity	: Maximum 85 % R.H.			
	For Airless spray ;				
	Tip No.	: GRACO 615, 715			
	Paint output pressure	: 10.7 - 13.8 MPa			
Viscosity	: 110 sec. (Ford Cup No.4)				
<b>Preferable Preceding Coats</b>	ROSWAN QD HB, Alkyd Resin based Primer, etc.				
<b>Preferable Subsequent Coats</b>	-				
<b>Packaging</b>	One pack product				

**TECHNICAL DATA (at 30 $\mu$ m)**

Item		Temp (°C)									
		-5	0	5	10	15	20	25	30	35	40
<b>Set to touch</b>		8H	5H	4H	3H	2.5H	2H	1.5H	1.5H	1.2H	1H
<b>Dry to recoat</b>	<b>Min.</b>	120H	72H	48H	24H	18H	16H	14H	12H	10H	8H
	<b>Max.</b>	-	-	-	-	-	-	-	-	-	-
<b>Dry to hard</b>		70H	48H	30H	16H	12H	8H	7H	6H	5H	5H
<b>Dry to immerse</b>	<b>Body</b>	-	-	-	-	-	-	-	-	-	-
	<b>Touch-up</b>	-	-	-	-	-	-	-	-	-	-
<b>Dry to Touch-up</b>		120H	72H	48H	24H	18H	16H	14H	12H	10H	8H
<b>Pot life</b>		-	-	-	-	-	-	-	-	-	-
<b>Shelf life (M)</b>		18M	18M	18M	18M	18M	18M	18M	18M	18M	18M
<b>Max. heat resistance</b>		100°C									

Abbreviation ; Y : Year, M : Month, D : Day, H : Hour, m : Minute

**Notes :**

1. Applying within the recommended film thickness range to avoid the lifting, wrinkling.
2. Ventilation shall be maintained from coating application until the completion of drying in order to remove residue of solvents and promote curing.

**RECOMMENDABLE SURFACE PREPARATION**

All surfaces to be free from various contaminants (oil, grease, dust, spray dust and etc.) and keep surfaces dry. Kindly consult CSP sales office for specific information.

**SAFETY PRECAUTIONS**

In order to ensure safe use of our product, please be sure to follow the safety precautions indicated on the SDS and the paint container. If you need further explanation, do not hesitate to consult our personnel or our local distributors before buying, opening, using, or disposing the product. Since product contains flammable materials, keep away from sparks and open flame. No smoking should be permitted in the area on painting.

Wear an appropriate protector (eye and face protection, protective clothing, barrier creams, etc) when mixing, applying, or drying the paint. If products come into contact with the skin, wash thoroughly with warm water and soap or suitable cleaner. If the eyes is contaminated, irrigate with water and seek medical advice immediately.

**DISCLAIMER**

The information, including data, specifications, directions and recommendations, contained in this Data Sheet describes the experiment results under controlled or specially defined conditions and we do not guarantee that the Products, when used under the actual conditions of any intended use, will produce the same results. The performance of the Products in their actual use is affected by various factors, and the User must judge whether the Products are suitable for specific uses. We do not guarantee the performance of the Products under any specific operation environment other than the performance of the Products under the conditions described in this Data Sheet.

The content of this Data Sheet, which is intended for facilitation of the User's understanding and convenience of use of the Products, is subject to change at any time without prior notice. We use our best efforts to reflect the latest and most accurate information in this Data Sheet, but we will not bear any liability whatsoever relating thereto. The User must confirm that the Data Sheet is the latest version prior to using the Products.

We do not guarantee the performance or safety of the Products when used for a purpose or use other than what is described herein. Nor will we be liable for any explanation or guarantee provided by any distributor or sales agent with respect to the Products, other than what is described in this Data Sheet.

Furthermore, each of the Products described herein is composed of various chemical substances, some of which may contain toxic and/or harmful ingredients and may cause harmful results as a result of misuse or overuse of the Products. For specific causes of risk, conditions of use, harmfulness, etc. of each of the Products, please carefully read, prior to use of the Products, the MSDS (Material Safety Data Sheet) inserted in each of the Products. We will not be liable for any accident that may be caused in violation thereof.

The information given in this sheet is effective at the date shown above and subject to revision from time to time without notice.