

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

Type	Alkyd resin finish paint				
Recommended Use	As a finishing coat on exterior wood and steel surfaces				
Type of binder	Alkyd resin				
Color	White, As specified				
Flash Point	43.0 °C				
Solids by Volume	50% ± 2 (Test Method : ISO-3233)				
VOC	407 g/l (EPA Method24), 445 g/l (Korea Clean Air Conservation Act)				
Coverage(Theoretical)	16.67 m²/l [0.060 l/m²] at D.F.T 30µm				
Wet Film Thickness	50 - 70 µm				
Dry Film Thickness	25 – 35 µm				
Drying Time (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.
Painting Interval (at D.F.T. 30µm)	Minimum	48 hrs.	24 hrs.	16 hrs.	12 hrs.
	Maximum	-	-	-	-
Thinner	MARINE THINNER				
Method of Application	Airless spray, Brush, Roller				
Condition of Application	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)			
Preferable Preceding Coats	ROSWAN QD HB, Alkyd Resin based Primer, etc.				
Preferable Subsequent Coats	-				
Packaging	One pack product				

TECHNICAL DATA (at 30 μ m)

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