

EVAMAX 2000 F

(EX 2000 F)

PRODUCT DESCRIPTION

EVAMAX 2000 F is based on a combination of epoxy resin and special abrasive resistant agent.

It provides excellent characteristics in adhesion, toughness, impact, abrasive resistance and rust-prevention and scratch resistance. It is suitable for protection of exposed deck and holds of steel ships.

This product has FDA certificate for Dry foods.

PRODUCT INFORMATION

Type	Epoxy paint with abrasion resistant agent, high solid				
Recommended Use	Cargo hold				
Type of binder	Epoxy/Polyamide				
Mixing Ratio	Base : Hardener = 81 : 19 (by volume)				
Color	Light Grey, Red Brown				
Flash Point	Base : 32.8℃, Hardener :30.8℃				
Solids by Volume	78% ± 2 (Test Method : ISO-3233)				
VOC	223 g/ℓ (EPA Method24), 350 g/ℓ (Korea Clean Air Conservation Act)				
Coverage(Theoretical)	3.90 m²/ℓ [0.256ℓ/m²] at D.F.T 200μm				
Wet Film Thickness	128 – 321 μm				
Dry Film Thickness	100 – 250 μm				
Drying Time (at D.F.T. 200μm)	Temperature	5℃	10℃	20℃	30℃
	Surface Dry	6 hrs.	4 hrs.	3 hrs.	2.5 hrs.
	Hard Dry	24 hrs.	17 hrs.	7 hrs.	4 hrs.
Painting Interval (at D.F.T. 200μm)	Minimum	24 hrs.	17 hrs.	7 hrs.	4 hrs.
	Maximum	10 days	10 days	10 days	10 days
Pot Life		2.5 hrs.	2 hrs.	1.5 hrs.	45 mins.
Thinner	EPICON THINNER, EPOXY THINNER A				
Method of Application	Airless spray, Brush, Roller				
Condition of Application	Temperature	: Minimum -5℃			
	Humidity	: Maximum 85 % R.H.			
	For Airless spray ;				
	Tip No.	: GRACO 419-623			
	Paint output pressure	: 15 - 25 MPa			
	Viscosity	: 1.5 - 2.0 Pa·s			
Preferable Preceding Coats	CERABOND 2000, etc				
Preferable Subsequent Coats	-				
Packaging	Two pack product				

TECHNICAL DATA (at 200 μ m)

Temp (°C)		-5	0	5	10	15	20	25	30	35	40
Item											
Set to touch		22H	12H	6H	4H	3.5H	3H	2.5H	2.5H	2H	-
Dry to recoat	Min.	52H	36H	24H	17H	13H	7H	5H	4H	3H	-
	Max.	10D	10D	10D	10D	10D	10D	10D	10D	10D	-
Curing time to first cargo		37D	30D	25D	12D	7D	6D	5D	3D	3D	-
Dry to hard		52H	36H	24H	17H	13H	7H	5H	4H	3H	-
Dry to immerse	Body	16D	12D	10D	8D	7D	6D	5D	4D	3D	-
	Touch-up	15D	11D	9D	7D	6D	5D	4D	3D	2D	-
Pot life		12H	6H	2.5H	2H	2H	1.5H	1H	45min	30min	-
Shelf life (M)		12M	12M	12M	12M	12M	12M	12M	12M	12M	-
Max. heat resistance (Dry)		Non-continuous: 100°C									

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

Notes :

1. If this product is cured at low temperature(below 10°C), or immersed in water, discoloration(whitening) is created. This whitening is limited to the surface layer and the physical properties don't change.
2. Out of consideration to the relatively short pot life, please care the temperature of mixture, especially in summer time.
3. In common with all epoxy coatings, EVAMAX 2000 F will show chalking and fading on exposure to UV light.

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 are 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.