

EPICON MARINE CH

(EPM CH)

PRODUCT DESCRIPTION

EPICON MARINE CH, based on a combination of epoxy resin and polyamide curing agent, has high-build excellent durability and adhesion properties.

It is suitable for car hold, and inside of steel superstructures.

PRODUCT INFORMATION

Type	Epoxy paint				
Recommended Use	Car hold(ceiling, wall), inside of steel superstructure, anticorrosive finish coat				
Type of binder	Epoxy / Polyamide resin				
Mixing Ratio	Base : Hardener = 78 : 22 (by volume)				
Color	White, As specified				
Flash Point	Base : 24 °C, Hardener : 21 °C				
Solids by Volume	58% ± 2 (Test Method : ISO-3233)				
VOC	444 g/l (Korea Clean Air Conservation Act)				
Coverage(Theoretical)	5.80 m ² /l [0.172 l/m ²] at D.F.T 100 μ m				
Wet Film Thickness	86 – 172 μ m				
Dry Film Thickness	50 – 100 μ m				
Drying Time (at D.F.T. 100 μ m)	Temperature	5 °C	10 °C	20 °C	30 °C
	Surface Dry	4.5 hrs.	3.5 hrs.	2 hrs.	1 hr.
	Hard Dry	45 hrs.	30 hrs.	16 hrs.	12 hrs.
Painting Interval (at D.F.T. 100 μ m)	Minimum	28 hrs.	19 hrs.	10 hrs.	8 hrs.
	Maximum	-	-	-	-
Pot Life		24 hrs.	12 hrs.	10 hrs.	8 hrs.
Thinner	EPICON THINNER, EPOXY THINNER A				
Method of Application	Airless spray, Brush				
Condition of Application	Temperature	: Minimum 5 °C			
	Humidity	: Maximum 85 % R.H.			
	For Airless spray ;				
	Tip No.	: GRACO 719, 721			
	Paint output pressure	: 14.7 -17.7 MPa			
Viscosity	: 1.5 Pa·s				
Preferable Preceding Coats	CERABOND 2000, EPICON ZINC RICH PRIMER B-2, BANNOH Series, etc.				
Preferable Subsequent Coats	-				
Packaging	Two pack product				

TECHNICAL DATA (at 100 μ m)

Item		Temp (°C)									
		-5	0	5	10	15	20	25	30	35	40
Set to touch		-	-	4.5H	3.5H	3H	2H	1.5H	1H	40m	30m
Dry to recoat	Min.	-	-	28H	19H	15H	10H	9H	8H	7H	6H
	Max.	-	-	-	-	-	-	-	-	-	-
Dry to hard		-	-	45H	30H	24H	16H	14H	12H	10H	8H
Dry to immerse	Body	-	-	-	-	-	-	-	-	-	-
	Touch-up	-	-	-	-	-	-	-	-	-	-
Dry to Touch-up		-	-	28H	19H	15H	10H	9H	8H	7H	6H
Pot life		-	-	24H	12H	11H	10H	9H	8H	7H	6H
Shelf life (M)		-	-	12M	12M	12M	12M	12M	12M	12M	12M
Max. heat resistance		150°C									

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

Notes :

In common with all epoxy coatings, EPICON MARINE CH 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 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.