

# CMP AC-10

(CMP AC-10)

## PRODUCT DESCRIPTION

**CMP AC-10** is a special synthetic resin paint giving a high-build quick drying, effective protection against corrosion. It possesses good sea water resistance and shows good adhesion to subsequent coats.

## PRODUCT INFORMATION

Type	Special synthetic resin anti-corrosive paint				
Recommended Use	Steel ship's hull and other steel structures / Binder-coat for antifouling paint				
Type of binder	Special synthetic resin				
Color	SR (Silver Red), S (Silver)				
Flash Point	26.5 °C				
Solids by Volume	41% ± 2 (Test Method : ISO-3233)				
VOC	537 g/l (Korea Clean Air Conservation Act)				
Coverage(Theoretical)	5.46 m <sup>2</sup> /l [0.183 l/m <sup>2</sup> ] at D.F.T 75μm				
Wet Film Thickness	122 – 244 μm				
Dry Film Thickness	50 – 100 μm				
Drying Time (at D.F.T. 75μm)	Temperature	5°C	10°C	20°C	30°C
	Surface Dry	1 hr.	45 mins.	30 mins.	20 mins.
	Hard Dry	8 hrs.	6 hrs.	4 hrs.	3 hrs.
Painting Interval (at D.F.T. 75μm)	Minimum (AC)	8 hrs.	6 hrs.	4 hrs.	3 hrs.
	(AF)	12 hrs.	8 hrs.	6 hrs.	5 hrs.
	Maximum	-	-	-	-
Thinner	RAVAX THINNER, CR/ACRI THINNER A				
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 621, 623			
	Paint output pressure	: 11.7 – 14.7 MPa			
	Viscosity	: 1.6 Pa • s			
Preferable Preceding Coats	EPICON ZINC RICH PRIMER B-2, CERABOND 2000, BANNOH series, etc.				
Preferable Subsequent Coats	ACRI FINISH series, SEA GRANDPRIX Series, SEAFLO NEO Series, etc.				
Packaging	One pack product				

**TECHNICAL DATA (at 75 $\mu$ m)**

Temp (°C)		-5	0	5	10	15	20	25	30	35	40
Item	Set to touch	2.5H	1.5H	1H	45m	45m	30m	30m	25m	25m	20m
	Min.(AC)	16H	10H	8H	6H	5H	4H	3.5H	3H	2.5H	2H
	Min.(AF)	24H	18H	12H	8H	7H	6H	5.5H	5H	4.5H	4H
Max.		-	-	-	-	-	-	-	-	-	-
Dry to recoat		16H	10H	8H	6H	5H	4H	3.5H	3H	2.5H	2H
Dry to hard	Body	-	-	-	-	-	-	-	-	-	-
	Touch-up	-	-	-	-	-	-	-	-	-	-
Dry to immerse		16H	10H	8H	6H	5H	4H	3.5H	3H	2.5H	2H
Dry to Touch-up		-	-	-	-	-	-	-	-	-	-
Pot life		6M	6M	6M	6M	6M	6M	6M	6M	6M	6M
Shelf life (M)		6M	6M	6M	6M	6M	6M	6M	6M	6M	6M
Max. heat resistance		60°C									

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

**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.