

ECO SWAN II

(ECO SW II)

PRODUCT DESCRIPTION

ECO SWAN II, is a 2 pack waterborne epoxy coatings which has good rust preventing property, adhesion, & other property.

And It gives more safe & eco-friendly working condition such as low odor, & low VOC, etc.

ECO SWAN II is suitable for protection of superstructure, engine room, & etc.

PRODUCT INFORMATION

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Type	Water base epoxy paint				
Recommend Use	As primer and finish coat for engine room, etc.				
Mixing Ratio	Base : Hardener = 91 : 9 (by Volume)				
Color	White, Green, Grey				
Flash Point	-				
Solids by Volume	50% ± 2 (Test Method : ISO-3233)				
VOC	50 g/l (Korea Clean Air Conservation Act)				
Coverage(Theoretical)	5.0 m ² /ℓ [0.2 ℓ/m ²] at D.F.T 100 μm				
Wet Film Thickness	150 - 300 μm				
Dry Film Thickness	75 - 150 μm				
Drying Time (at D.F.T. 100 μm)	Temperature	5℃	10℃	20℃	30℃
	Surface Dry	4 hrs.	3 hrs.	2 hrs.	1 hrs.
	Hard Dry	13 hrs.	11 hrs.	9 hrs.	7 hrs.
Painting Interval (at D.F.T. 100 μm)	Minimum	13 hrs.	11 hrs.	9 hrs.	7 hrs.
	Maximum	-	-	-	-
Thinner	Fresh water				
Method of Application	Airless spray, Brush, Roller				
Condition of Application	Temperature	: Minimum		5℃	
	Humidity	: Maximum		80% R. H.	
	For Airless spray ;				
	Tip No.	: GRACO 515 - 523			
	Paint output pressure	: 12 – 15 MPa			
Preferable Preceding Coats	Viscosity	: 5.0 - 7.0 Pa·s			
	CERABOND 2000				
Preferable Subsequent Coats	-				
Packaging	Two pack product				

Notes :

1. Drying & curing is favored good ventilation to assist evaporation of water.
2. Paint can should be closed after application to prevent skinning.
3. Do not storage the paint below 5°C nor over 40°C.
4. Do not mix other water based paints or color base.
5. Agitate Base with power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly with power agitator. Then add appropriate water and mix thoroughly.
6. In common with all epoxy coatings, ECO SWAN II will show chalking and fading on exposure to UV light.

TECHNICAL DATA (at 100 μ m)

Temp (°C)		-5	0	5	10	15	20	25	30	35	40
Item											
Set to touch		-	-	4H	3H	2.5H	2H	1.5H	1H	-	-
Dry to recoat	Min.	-	-	13H	11H	10H	9H	8H	7H	-	-
	Max.	-	-	-	-	-	-	-	-	-	-
Dry to hard		-	-	13H	11H	10H	9H	8H	7H	-	-
Dry to Touch-up		-	-	13H	11H	10H	9H	8H	7H	-	-
Pot life		-	-	5H	5H	5H	5H	4H	3H	-	-

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

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.