



CODE: 369088

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EPICON MARINE FINISH

Product Description

EPICON MARINE FINISH is based on a combination of epoxy resin and polyamide curing agent, has excellent durability and adhesion properties, toughness, impact and abrasion resistance, excellent resistance to sea water, water, oil and chemicals. It is a protective finish coat for steel ships, bridges and steel structures. Due to the nature of epoxy resins, **EPICON MARINE FINISH** will chalk and fade when exposed to UV light. It is recommended that the product is overcoated with Unymarine.

Product Information

Type	Epoxy / Polyamide finish coat					
Recommended Use	Finish coat of EPICON system of steel ships, bridges and other steel structures					
Mixing Ratio	Base : Hardener = 4 : 1 (by volume)					
Colour	Please consult the standard marine colour card on our website					
Flash Point	Base = 23°C Hardener = 27 °C					
VOC	440 G/l					
Volume Solids	51 ± 2%					
Coverage (Theoretical)	16.67 - 10.0 m ² /l					
Wet Film Thickness	59 - 98 µm					
Dry Film Thickness	30 – 50 µm					
Drying Time (at D.F.T. 40 µm)	Temperature	10°C	20°C	30°C	40°C	
	Surface Dry	2.5 hrs	1.5 hrs	1 hr	30 mins	
	Hard Dry	20 hrs	14 hrs	10 hrs	7 hrs	
Painting Interval (at D.F.T. 40 µm)	Minimum	18 hrs	10 hrs	8 hrs	7 hrs	
	Maximum	-	-	-	-	
Pot Life		24 hrs	18 hrs	12 hrs	10 hrs	
Thinner	Epoxy Thinners					
Method of Application	Airless spray, Brush, Roller					
Condition of Application	Temperature	:	Minimum	10 °C		
	Humidity	:	Maximum	85 % R.H.		
	For Airless spray:					
	Tip No.	:	GRACO 619, 719			
	Paint output pressure	:	14 - 18 MPa			
Viscosity	:	25 – 35 sec (Ford Cup No.4)				
Thinning	:	0 – 15% by volume				
Preferable Preceding Coats	BANNOH series, UMEGUARD series, other Epoxy primers					
Preferable Subsequent Coats	Wide range of any coating such as Epoxy, Unymarine					
Packaging	Two pack product					
Pack Size	5 litre; 20 litre					



Note

As nature of Epoxy coatings, **EPICON MARINE FINISH** cannot avoid chalking, yellowing and fading on sunlight exposure.

Application

Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Dekro Preparation Specifications. Copies of these are available on request from your nearest Dekro Paints branch and/or stockist or can be downloaded from our website.

Safety Instructions

Always keep out of reach of children and animals.

Wear a suitable dust mask and goggles when preparing surfaces. Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

General

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

Technical Data Sheet

The technical data furnished is given to the best of our knowledge and based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.