

ACR Single Component Acrylic Enamel Paint

Product Description

ACR is a single component, solvent based, fast-drying, enamel paint formulation for exterior or interior application in moderately to severely corrosive ambient environment. It is a finishing coat with semi-glossy appearance. Resistant to salt water, splashes of aliphatic hydrocarbons or oils.

Recommended Use

As a topside, superstructure or accommodation finishing coating in marine applications or as a multipurpose protective coating on any other industrial substrates.

Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm):	40	60	50
Wet Film Thickness (µm):	100	150	125
Coverage Rate (m ² /L):	10	6.7	8

Drying times differentiate in minimum or maximum values. Maintain recommended values during application. Coverage rate is Theoretical and does not include any losses.

Properties

Type ▶	Acrylic	Touch Dry Time▶	30min @ 20°C
Components ▶	Single Component	Dry Through Time ▶	6h @ 20°C
Color ▶	Color Card	Min. Recoat Interval ▶	2h @ 20°C
Thinner/ Cleaning Solvent ▶	NanoPhos Thinner B	Induction Time ▶	-
Mixing Ratio ▶	Single Component	Flash Point ▶	>28=37°C
VOC ▶	<570 g/L	Water Resistance ▶	Excellent
Solids (%vol.) ▶	40±2	Abrasion Resistance ▶	Excellent
Gloss Level (GU @ 60°C) ▶	45-60		

Surface Preparation

All surfaces should be clean, dry and free from oil, grease and other foreign matters or contamination. Preparation according to ISO 8502-3:1992 Test for the assessment of surface cleanliness.

Application

The application of paint can be done through conventional sprayers, airless sprayers and roller or brush. These are indicative methods of application and it is to the judgement of each person which method he will apply. Brush or roller application is recommended for stripe coating or small areas. Substrate temperature should be minimum 5° and at least 3°C above air dew point. Good ventilation is required to ensure proper drying.

Paint System

Preceding: EPR Epoxy Primer, SUP SurfaMix Universal Primer

Subsequent:

Health And Safety

- I. Use normal precautions such as gloves, facemasks.
- II. Adequate ventilation must be maintained.
- III. Explosion proof lights & electrical equipment.
- IV. Non- Sparking shoes & tools for workers in area.
- V. This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- VI. Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Available Packaging

- Metal canisters: 5L & 20L

Notes & Precautions: Storage of closed containers, in controlled dry and enclosed space, away from sources of ignition and temperatures from 5°C to 35°C, for up to 18 months. The Technical Data should be read in conjunction with the Safety Data Sheets and Coating Technical Specification. This product is for professional use only. For more information please contact NanoPhos Marine: www.NanoPhos-Marine.com