

ACQ AntiCorrosive Quick Dry

Product Description

Single component corrosion inhibitive, high quality primer for steel exposed to a marine or industrial corrosive environment. Quick drying, easily applied, without dust creating. It presents excellent adhesion, flexibility and high anti-corrosive protection due to its special anticorrosive pigments of zinc phosphate and zinc oxide. It contains no lead compounds. Non-toxic, highly weathering resistant. Excellent for priming storage tanks, industrial plants, machinery, and other metal subjected to heavy industrial use and exterior exposure.

Recommended Use

As a corrosion inhibitive high quality Primer for steel exposed to marine corrosive environment. Use over alkyds to upgrade system. Excellent for priming storage tanks, industrial plants, machinery, and other metal subjected to heavy industrial use and to exterior exposure.

Film Thickness Per Coat

	Minimum	Maximum	Recommended
Dry Film Thickness (µm)	40	100	55
Wet Film Thickness (µm)	80	182	100
Coverage Rate (m ² /L)	73	5.5	10

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 ▶	Alkyd Modified	Touch Dry Time▶	30min @ 20°C
Components ▶	Single Component	Dry Through Time ▶	2h @ 20°C
Color ▶	Red Brown / Grey	Full Curing ▶	24h @ 20°C
Thinner/ Cleaning Solvent ▶	NanoPhos Thinner B	Min. Recoat Interval ▶	3h @ 20°C
Mixing Ratio ▶	Single Component	Flash Point ▶	25°C
VOC ▶	<425 g/L	Water Resistance ▶	Excellent
Solids (%vol.) ▶	50±3	Abrasion Resistance ▶	Good

Surface Preparation

Compatible Coats: 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.

Non-Immersed Bare Steel: Power Tooling St 3. Reference standard: ISO 8501-1:2007.

Application

Airless Spraying ▶	Minimum pump: 30:1. Nozzle: 18-20
Brush ▶	Recommended application method only for stripe coating or small areas

Substrate temperature should be minimum 5° C and at least 3° C above air dew point. Good ventilation is required to ensure proper drying.

Paint System

Please contact NanoPhos Marine for more information.

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 canister: 1L, 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