

DESCRIPTION

A two-pack organic zinc-rich polyamide-cured primer for steel, where ultimate protection against corrosion is required. The rich zinc dust forms a continuous layer on the metal substrate, simulating the action of galvanized zinc, which provides cathodic protection through the sacrificial action of the zinc dust. The fully cured film is non-toxic and offers maximum corrosion protection in severe industrial or marine environments.

PRODUCT FEATURES AND RECOMMENDED USES

Ideal for use as a protective metal primer for maximum corrosion protection on clean steel or abrasive-blasted steel structures in severe industrial or marine environments.

TECHNICAL DATA

Type	Zinc Dust, Epoxy Polyamide
Color	Grayish Silver
Texture	Low Sheen Matt
Non-Volatile	65 - 70% by volume
Coverage (Theoretical)	30 - 40 sq.m./Gallon
Wet Film Thickness	80 - 90 microns
Dry Film Thickness	50 - 60 microns
Application	Brush, Roller or Spray
Mixing Ratio	4 : 1 by volume (Base A : Activator B)
Pot Life	8 hours at 30°C
Diluent	Dyno Thinner No.5
	Brush, Roller 5 – 10% by volume
	Spray 10 –20% by volume
Drying Time	Touch Dry 30 - 40 minutes
	Hard Dry 4 - 5 hours
	Re-coat 16 - 24 hours

SURFACE PREPARATION

Make sure the surface to be painted is free from dirt, grease, waxy contaminants, and loose peeling paint. Rust or mill scale must be removed using mechanical means or power tools to ensure that the surface is sound for subsequent coating. It is of utmost importance that the steel surface is blast-cleaned to a minimum of Sa 2.5. The profile of the surface should be controlled to a maximum amplitude of 100 microns and must be free from grit and moisture before coating.

SUGGESTED COATING SYSTEMS

For Metal Substrate

Dyno Zinc Rich Epoxy Primer P-4300	1	Coat
Dyno Epoxy Metal Primer P-4270	1	Coat
Dyno Epoxy Enamel	2	Coats

Remark

Each of Packages A and B is separately packed in a ratio of 4 to 1 by volume. They should be mixed in the correct ratio and allowed to stand for 15 minutes before use, and the resultant mixture must be used within 8 hours.