

OmegaEpoxyZincRichMetalPrimer (series 14200)

Solvent base epoxy metal primer - zinc rich
High abrasion and chemical resistant

CHARACTERISTICS: is an anti-corrosive zinc-rich 2-pack epoxy primer. The key components are anti-corrosive pigment (finely divided zinc dust) and polyamide cured epoxy resin. OmegaEpoxyZincRichMetalPrimer provides exceptional corrosion resistance in harsh exposures by sacrificial methods. It is recommended for use over abrasive blast cleaned steel surfaces in most harsh environments, especially where over coating is required without special mist or seal coat techniques. OmegaEpoxyZincRichMetalPrimer offers ease of application; high film builds without mud-cracking and exceptional adhesion to field weld areas cleaned by power sanding or power wire brushing.

RECOMMENDED USES: On exterior and interior metal of an industrial and chemical plants, petroleum refineries, power plants, storage tanks, structural steel, marine installations, ships and buoys, interior and exterior sides of water and gas-pipe linings and reservoirs, sewage disposal plants, cooling basins, flood channels and ducts, fertilizer factories, oil and grease warehouses, sewage works, pipe lines, machinery, bridges and pylons.

SURFACE PREPATION: Stir each can thoroughly until the contents are uniform, use of a power mixer is recommended. Mix the contents of both packs together thoroughly. Ensure the clean-up solvent is available before commencing application. Remix thoroughly before using and continue mixing during application. Rust, mill scale and all deteriorated previous coatings should be removed. Best results are obtained by abrasive blasting to International Standards. Steel in high or very high corrosive environments should be sand blasted. If oxidation occurs between the time of sand blasting and priming, the surface should be re-blasted and cleaned to the specified standard. Mechanical cleaning and through wire brushing followed by washing is often sufficient for normal exposure in low environment corrosives.

COMPOSITION: Base component cross-linked with its hardener by 32%, scale 1 for 1/3 .

Container	OmegaEpoxy Volume	Hardener Volume	Total Volume
Pail	Liter 17	Liter 5.45	Liter 22.45
Gallon	Liter 3.785	Liter 1.20	Liter 4.985
Quart	Liter 0.946	Liter 0.315	Liter 1.261

COVERAGE: Depends on condition of surface, film thickness required and application type. Contents of one gallon of base component of OmegaEpoxyZincRichMetalPrimer coating, + its hardener equal 4.985 liters, cover about 60sq.m. per coat at 50µm.

APPLICATION: Conventional, airless spray or air assisted spray, brush and roller for small areas.

DRYING TIME: At temperature of 23°C and 65% r.h., a wet film of 100µm

Dry to touch (Dust Free)	1-2	Hours.
Dry to re-coat	6-8	Hours.
Dry to handle	24-48	Hours.