

OmegaEpoxyMetalPaint (series 14900)

Epoxy solvent based abrasion and chemical resistant

Free of lead, mercury, cadmium and hexavalent chromium

CHARACTERISTICS, Epoxy solvent-bearing 2-pack coatings formulated to provide high quality protective coatings with good mechanical strength and chemical resistance, for exterior and interior applications in aggressive urban, marine and industrial polluted atmosphere and environments.

OmegaEpoxy Coatings are characterized by excellent performance and protective. They are non-toxic after drying, non-yellowing and resist heat up to 120 °C. Do not contain lead, chrome or cadmium. Long exposure to UV rays reduces the gloss of paint and tends to chalk.

RECOMMENDED USES, On exterior and interior metal concrete, masonry, asbestos cement and wood surfaces in 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, pylons, chimneys, floors and walls of car parks, tunnels, sports courts, foot and vehicular traffic areas and as a general purpose and abrasion resistance paints in buildings campus, hospitals (X-ray rooms and operation theater etc...) hotels, public places, laundries, very humid rooms, hydraulic engineering works, dairies, abattoirs, food and processing paints etc... As and excellent anti-graffiti coating that could be easily cleaned with aggressive solvents to remove marker or spray paints, writings and staining substances.

SURFACE PREPATION,

Treatments of metal surfaces: 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 and film thickness required. Contents of one gallon of base component of OmegaEpoxy coating, + its hardener equal 4.985 liters, cover about 60sq.m. per coat at 50µm.

DRYING TIME: At temperature of 23°C and 65% r.h., a wet film of 150µm

Dry to touch (Dust Free)	2-4	Hours.
Dry to re-coat	10-24	Hours.
Dry to handle	24-48	Hours.