

OmegaEpoxyConcretePaint (series 12900)

Epoxy solvent based abrasion and chemical resistant

Free of lead, mercury, cadmium and hexavalent chromium

CHARACTERISTICS: Epoxy solvent bearing 2-pack cold cured abrasion resistant and dust-proofing coatings, providing high quality protective floor and wall coatings with good mechanical strength and chemical resistance for exterior and interior applications in urban, marine and industrial polluted environments. The coating system partially penetrates through the concrete substrate and binds its particles, safe-guarding against crushing to fine dust, under the effect of abrading rolling loads. It also seals to protect from the deteriorating effects of chemicals, oils and greases, hydraulic fluids, coolants and motor oils, solvents, salts, cleaning detergents solutions and staining substances etc, they are non-toxic after drying non yellowing and resist heat up to 120°C long term exposure to UV-rays reduces the gloss of paint.

RECOMMENDED USES: On interior and exterior floor and wall surfaces of concrete, fair-faced concrete, plaster, masonry, metal and wood in car parks, pavements, parking areas, foot and vehicular trafficable areas and warehouses in building, campus, hotels, industrial plants workshops, oil and grease warehouses mechanical and generator rooms, power plants, and facilities, tunnels, petroleum refineries, and water purification plants, laundries, very humid rooms dairies, abattoirs, food and beverage processing plants etc. and to swimming pools and general surfaces where moisture, abrasion, acid and alkali resistance are required. It is an excellent anti-graffiti coating that could be easily cleaned with aggressive solvents to remove marker or spray paints writings and staining substances.

SURFACE PREPATION: Surface must be solid, clean and dry, free from oils, greases, salt, dirt, efflorescence and other contaminants. Though OmegaEpoxyConcretePaint are highly resistant to alkalis and saponification, the concrete substrates, should be fully cured and load bearing. Best results on concrete are obtained by shot blasting to remove laitence, grout and dust contaminants, then vacuum cleaned. Acid etching pre-treatment with 5% - 10% muriatic acid solution face, and when the solution ceases to effervesce, in about 5 minutes, rinse the surface with clean water This pre-treatment could prove adequate especially after scarifying. Leave surface to dry thoroughly.

COMPOSITION: Base component cross-linked with its hardener by 100%, scale 1 for 1. Each container need an equal volume of hardener.

Container	OmegaEpoxy Volume	Hardener Volume	Total Volume
Pail	Liter 17	Liter 17	Liter 34
Gallon	Liter 3.785	Liter 3.785	Liter 7.57
Quart	Liter 0.946	Liter 0.946	Liter 1.892

COVERAGE: Depends on condition of surface and film thickness required. Contents of one liter of base component of OmegaEpoxy coating including its hardener covers about 2.50-3.25 sq. meters for 1 coat at 150µm.

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.