

OmegaEpoxyConcretePaint Solvent Free (series 11900)

Extremely tough, decorative industrial floor coatings

High viscosity, self-leveling, glossy finish, up to 1.5mm per coat

CHARACTERISTICS: Fast curing 2-pack epoxy paint will accept light traffic after 6 – 8 hours and normal traffic after 12 hours at 20°C. One high build coat is generally sufficient but it is recoatable after only 4 – 5 hours if required. In common with most epoxy resin coatings, full chemical and wear resistance is gradually achieved over 7 days. 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.

- A high build one coat system with excellent chemical resistance
- Use in production areas, warehouses and other heavy wear areas
- Solvent free formula can be applied over existing paint

RECOMMENDED USES: On interior floor surfaces of concrete, fair-faced concrete, plaster, masonry 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. OmegaEpoxyConcretePrimer should be used before applying this paint. 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.

APPLICATION: Best results are obtained in warm conditions (minimum 15°C). On horizontal surfaces apply by medium pile type roller (not foam) in one coat. On vertical surfaces 2 thin coats are recommended. One coat is generally sufficient. If a second coat is required, please allow 4-6 hours between coats. On vertical surfaces 2 thin coats are recommended.

IMPORTANT: Once the contents of the pack have been mixed a chemical reaction takes place which creates heat, and the product should therefore be used immediately. Food products must be removed from the area during application and cure.

COMPOSITION: Base component cross-linked with its hardener by 33%, 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: 10 to 12 meter square per 3 liters per coat. One coat is normally sufficient.

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

Dry to touch (Dust Free)	1-2	Hours.
Dry to re-coat	4-6	Hours.
Dry to handle	12-24	Hours.