



KE-064 Series

WATER-BASED EPOXY CONCRETE FLOOR PAINT

Water-Based Epoxy Concrete Floor Paint is a two part, waterborne self-smoothing epoxy floor paint. The chemical resistance and hard, impact-resistant finish of Water-Based Epoxy Concrete Floor Paint makes it the ideal coating for high traffic areas like hospitals, schools, restaurants, warehouses, factories, parking structures and garages. Its excellent hide and great coverage minimizes the number of coats needed. Specially formulated for black, drywall, masonry and concrete, it's the perfect coating for almost any commercial project that demands durability, performance and the ability to withstand repeated cleanings.

Details

- Enhanced performance, two component product.
- Excellent stain blocking properties.
- Flows and levels to a smooth finish.
- Corrosion and chemical resistant.
- Excellent adhesion and durability.
- High hardness with 3H Pencil Hardness Test.

Recommend Uses

- Indoor concrete surfaces.
- Concrete Block, CMU, Brick Stucco, Cement, Concrete Surface, Cement Composition Siding / Panel, Asbestos and Wood.
- Hospitals, Schools, Restaurants, Warehouse, Factories, Parking Structures, Garages, Laboratories, Commercial Offices and etc.

Applications

Surface Preparation

- All new masonry, concrete, cement or block must be cured for 30 days at recommended.

- Remove all loose paint and defective paint if possible, oil, fluid, moss or other substances on the surface. In severe cases, wash the surface with water, make sure the surface is completely dried and clean. All holes cracks must be properly patched.

Application Details

- Resin compound must be completely agitated (mechanically or manually) before use.
- Intermix the resin compound with aggregate (cement / sand) with ratio of 1:1.
- Intermix containers of same product to ensure color and seen uniformity.
- Dilution is not recommended. However if the dilution is required, do not dilute more than 5% of clean water. Dilution may cause reducing the sheen.
- Priming and application of two coats at the recommended film thickness / practical coverage when application to new surfaces.
- Working time is about 70 minutes after mixing.

Technical Data

Property	Value
Tools	Nylon / Polyester Brush, Sponge Paint Roller, Sprayer
Drying Time	Touch Dry 8-9 Hours, Fully Dry 7 Days, Recoat 14-16 Hours (at 25°C)
Coverage	3.6:0.9 kg about 16-20 m ² / 12:3.6 kg about 66-73 m ²
Thickness	Wet 80-150 µm, Dry 50-100 µm
Available Sheen	Gloss
Density	1.1 kg/L
Viscosity	1,000-2,000 m.Pas at 25°C
Solid Content	60% ± 2%
Available Size	3.6 : 0.9 kg / 12 : 3.6 kg
Thinner	Water
Shelf Life	12 months unopened condition
Color	064 Gray, 067 Dark Green

Drying and recoat times are temperature, humidity, and film thickness dependent.

Practical coverage is for reference only, which can be differ depending on the brushing surface, flatness and film thickness.

These figures are only intended as a guide and should not be used in preparing specifications.

Storage

Product should be store in the dry and cool area, please avoid direct sunlight contact to prevent deterioration.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

After container is opened, use the product immediately and prevent long-term storage.

Cautions and Safety

- Do not use if rain or heavy dew is expected within 24 hours.
- Avoid applying the product when the temperature is below 50°F.
- KEEP OUT REACH OF CHILDREN – DO NOT TAKE INTERNALLY.
- When spraying. Do not breathe spray, wear suitable respiratory protective equipment.
- Avoid direct contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek for the medical advice.
- After contact with skin, wash with soap and water.
- Safety Data Sheet (SDS) is available on www.kingcatpaint.com.tw.

Disclaimer

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Yulung Paint. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Yulung Paint representatives or visit www.kingcatpaint.com.tw to obtain the most current version of the Technical Data Sheet and / or a Safety Data Sheet.