

RCF-1000

## **WATER-BASED CONCRETE DENSIFIER**

Water-Based Concrete Densifier is a chemical hardener compound which is proprietary, waterborne, ready-to-use clear silicate liquid. Water-Based Concrete Densifier formulated with chemically reactive raw-materials to harden and dustproof concrete. It offers substantial improvement in abrasion and chemical resistance and will significantly improve the durability of the concrete surface when compared to untreated concrete.

### **Details**

- Ready to use from container. Easy application.
- Protects against scratching and peeling.
- Dustproofs and improves chemical, petroleum and abrasion resistance of treated surfaces.
- Penetrates deeply into concrete to densify and harden surfaces to help prevent entry of moisture and other foreign matter.
- Provides tough, protected surface that won't after-yellow, discolor, or show pedestrian or vehicular traffic wear marks.

### **Recommend Uses**

- Surfaces require hardened, dustproofed, chemical and abrasion resistant feature.
- Ideal for industrial factories, refineries and heavy pedestrian floor traffic areas.

### **Applications**

#### **Surface Preparation**

- All new masonry, concrete, cement or block must be cured for 14-30 days at recommended.
- Use professional grinding machine to 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

- Product must be completely agitated (manually only) before use.
- Dilution is prohibited.
- One uniform coat is needed to ensure complete coverage. Apply with a roller, brush or low-pressure non-atomizing sprayer. Apply to saturation and roll or broom out any puddles until the sealer penetrates the substrate.
- Application of two coats at the recommended practical coverage when application to new surfaces. Recoat time between each layers should be at least 30-60 minutes.

### Technical Data

Property	Value
Tools	Nylon / Polyester Brush, Sponge Paint Roller
Drying Time	Fully Dry 2-3 Days
Coverage	0.1-0.2 kg/m <sup>2</sup>
Available Sheen	Gloss
Density	1 kg/L
Viscosity	<500 m.Pas at 25°C
Available Size	5 Gallon
Thinner	--
Shelf Life	24 months unopened condition
Color	Transparent

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](http://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](http://www.kingcatpaint.com.tw) to obtain the most current version of the Technical Data Sheet and / or a Safety Data Sheet.