

1.0 Description:

- CURETE is an acrylic emulsion based, concrete curing compound that prevents quick loss of water from the concrete when applied on fresh concrete surface.
- Prevents evaporation of water in concrete specially during cement setting time.
- Prevents cracks created from shrinkage happening due to quick water loss.
- Distinguished with its high penetrating depth through porous substrata.
- Strongly reduces absorption property of substrate.
- Increases abrasion resistance to concrete surfaces.
- Has excellent adhesion to concrete surface.
- Gives non-porous surface and dust repellent surface.
- Effective in all conditions of humidity and temperature.
- After one application, no further attention is required.

2.0 Uses:

- Curing and hardening of concrete floorings surface especially in hot or windy weather and areas where water is rare and expensive.
- Curing and hardening of different forms of concrete after casting
- Curing and hardening of screeds especially small thickness.

Fields of application:

- Concrete Highways, Runways and taxiways, Roof decks, Retaining walls, pre-stressed beams and piers, Concrete roads and bridges, concrete courts, etc.

3.0 Approval & Certification:

Water Permeability : according to NRC - National Research Centre

4.0 Colours:

Milky white in color

5.0 Product Data:

Dilution : water till 10%
Water Permeability : Passed the test after 48 hours
submerging in water under atmospheric
pressure
Density : 1.00 Kg/m³
Solid Content : 26%

Notes: Above values are subjected to slight changes depending on porosity and nature of substrate.

6.0 Consumption per coat:

Consumption : 7.0 – 8.0 m²/kg

Note: Consumption depends on porosity, temperature, rate of dilution and nature of substrate

7.0 Surface Preparation:

Substrate recommended can be Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.



Surface preparation After Casting:

- Wait till the free water have evaporated. i.e. No standing water spots.

8.0 Application Methods:

1. Mix CURETE well in container before application.
2. Dilute curate 10% with water, if needed.
3. Apply CURETE after the free surface water has evaporated.
4. In case of flooring the suitable time to apply CURETE is when the appearance of the casted concrete surface changes from shiny to dull and hard enough for stepping on. Time depends on the water/cement ratio & temperature.
5. CURETE can be applied by one of the following tools:
 - Spraying tool.
 - Roller.
 - Brush.
6. Clean all tools after application using water.

Notes:

- After application the area must be protected from rain for at least 3 hours.

9.0 Product weight:

Total Weight	: 5, 20, 100	kg
Container	: Sealed pre weighed plastic jenkins/barrels	

10.0 Drying time:

Touch Dry	: 120 min	at 30°C
Hard Dry	: 240 min	at 30°C

Note: drying time depends on air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

11.0 Recoating:

- The surface should be clean and free from any contamination prior to application of the subsequent coat.
- Recommended to recoat with the same base type of previously applied paint, ie. Water base finishing
- In case of solvent base Recoating, Concrete surface shall be sanded to remove any traces of remaining CURETE or painted with water base polyurethane/epoxy primers.

12.0 Disclaimer:

- The information in this document is given to the best of our knowledge, based on laboratory testing and practical experience. We cannot guarantee anything but the above-mentioned quality of the products themselves. Minor product variations may be implemented to comply with local requirements. We reserve the right to change the given data without further notice. Users should always consult us for specific guidance on the general suitability of this product for their needs and specific application practices.
- Samples of any approved delivered materials shall be retested after delivery.
- These products are for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to our technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to our responsible representative for approval before commencing the work.

13.0 Handling of Emulsion Products:

- Avoid contact with eyes and skin. Emergency showers and eyewash stations should be readily accessible.
- Adhere to work practice rules established by government regulations.
- Use personal protective equipment.
- When using, do not eat, drink, or smoke.

14.0 Compatibility:

- Primers applied prior to specified product shall always be acrylic based products.
- For Repairing and fixing defects, products shall always be cement based products
- Recoating shall be acrylic products.

15.0 First aid Measures:

- General advice: Seek medical advice. If breathing has stopped or is laboured, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact: Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
- Skin contact: Immediately remove contaminated clothing, and any extraneous chemical, if possible, to do so without delay. Initiate and maintain gentle and continuous irrigation.
- Take off contaminated clothing and shoes immediately.
- Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
- Inhalation: Move to fresh air.

16.0 Storage:

- Store above ground and surrounded by dikes to contain spills or leaks.
- Do not store in humid or extra hot weathering conditions.
- Keep containers tightly closed away from heat & in dry, cool, and well-ventilated place.