

# DONCRETE PT - 17

## Products Details

**A non-toxic, protective epoxy resin coating available as a clear coating.**

### DESCRIPTION:

**DONCRETE PT-17** is an aesthetic and protective epoxy resin coating which has been specifically developed to meet the 'In service' protection of concrete, metal, etc. The product is supplied as two-pack system comprising of a base and hardener. It requires only on site mixing to produce an easily applied chemical resistant finish. **DONCRETE PT-17** coating will not support the growth of bacteria.

### PRIMARY USE:

For the external and internal protection of concrete or metal tanks containing drinking water, oils, consumable liquids, etc. Best used as floor and wall coating. It waterproofs the surfaces on which it is coated. Used as a protective coating in laboratories, abattoirs etc.

### GUIDE TO APPLICATION :

Ensure adequate ventilation during application. **DONCRETE PT-17** coating can be applied either using lambs wall rollers or short haired stiff bristled nylon brushes. The second coat is applied on the second day of the first coat or at an interval of at least eight hours.

### ADVANTAGES:

1. Durable 2. Non-toxic 3. Waterproof 4. Easily applied by brush or roller. 5. Solvent free 6. High build coating 7. Chemical resistant

### PROPERTIES:

Density	:	1500 kg/m <sup>3</sup>
Bond Strength	:	In excess of cohesive strength of mortar
Pot Life	:	45 min at 35°C
Tack Free Time	:	6 hours at 35°C
Initial/Full cure	:	24 hrs/7 days
Shelf Life	:	6 months
Specific Gravity	:	1.38 at 20°C
Dried Film thickness :		100 microns per coat
Appearance	:	Smooth and glossy
Chemical Resistance	:	Excellent
Coverage	:	3 to 4m <sup>2</sup> Per kg / Per coat.

**PAKCING** : 1, 5 Kg Pack.

### CHEMICAL RESISTANCE:

**DONCRETE PT-17** is resistant to the following typically encountered chemicals. Formaldehyde 40% solution, Sulphuric acid 30% solution. Wine, Acetic Acid 5% solution, Diesel-Oil, Hydrochloric Acid 50% solution Aviation Hydraulic Fuels (skidoo), Nitric Acid 10% solution and vegetable oils. **DONCRETE PT-17** coating may slightly change color in certain chemical environments but the chemical resistance of the **DONCRETE PT-17** film remains unchanged.

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## **DIRECTIONS FOR USE- SURFACE PREPARATION:**

The substrate should be a smooth or semi-smooth sound surface such as concrete or metal. It is most important to ensure that thorough surface preparation is undertaken prior to application for the **DONCRETE PT-17** coating.

## **CONCRETE:**

Ensure concrete is free from excessive laitance, grease, oil, curing compound, etc. Ensure concrete is sound. Cut back wherever necessary and make good using suitable cementations or epoxy repair system. Ensure all blow holes and surface imperfections are made good prior to application of the coating. Wire brushing followed by degreasing, acid etching or grit blasting may be necessary to remove laitance. Ensure concrete is at least 28 days old.

## **STEEL:**

All previous surface treatments should be removed taking the surface back to base metal should be abraded

## TECHNICAL COLLABORATION WITH



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