

Uses: Foundations, Precast tanks, pipes & troughs, Potable water tanks, Fish ponds, Waterfalls, Balconies & MORE!

EPOXY WATERPROOFER

NSF certified for use in potable water

Waterproof and resistant to corrosion

Not affected by weather or temperature

Product Description:

Florok Epoxy Waterproofer is a specially formulated heavy bodied thermo setting Epoxy Resin (Part A) when mixed with Activator (Part B) it becomes self curing and hardens to a ceramic like, non porous, impermeable film, clear. Color packs can be added to pigment it. Since it is a 100% solids, it can be applied from a thin brush application to 1/16 or 1/8 inch thick cladding that can withstand tons of hydrostatic water pressure.

Basic Uses:

Florok Epoxy Waterproofer is designed to be a heavy duty waterproof protective coating that seals porous surfaces, fine cracks and voids. Sand can be added and made into a mortar for wider cracks, or fiberglass matting layers.

- Foundations interior or exterior
- Precast concrete tanks
- Potable water tanks
- Waste water tanks
- Fish ponds and waterfalls
- Reflective pools
- Balconies and decks
- Bridge columns
- Swimming pools
- Submerged concrete units
- Metal or Concrete troughs
- Concrete pipes

Advantages:

- Waterproof
- Resistant to corrosion
- Four times stronger than concrete
- Not affected by weather or temperature
- Apply by brush, roller, squeegee

Available in:

- 1 Quart units
- 1 Gallon units
- 4 Gallon units

Coverage Rates:

Smooth concrete surfaces- 100 sq. ft per gallon unit
Rough concrete surfaces- 80 sq. ft per gallon unit
Concrete block -80 sq. ft per gallon unit
Brick surfaces-100 sq. ft per gallon unit
Cement plaster-100 sq. ft per gallon unit
Metal surfaces- 100 sq. ft per gallon unit

Technical Data:

Contains 100% Epoxy resin
Viscosity 20,000 cps
Working pot life at 70F 30 minutes
Shrinkage-none
24 hour cube compression test -11,000 psi
7 day compression test- 16,300 psi
Tack free time at 70F - 24 hours
Final cure at 70°F -5-7 days
Color- clear unless a color pack is added
Mixing ratio- 3 parts of resin A to 1 part of activator part B.

Specifications:

Florok Epoxy Waterproofer has been tested in accordance to the following Specifications:
ASTM C881, C882, C883, C884, C900, D570, D1259.
NSF Certified for use in potable water applications.

Color Pack System:

Epoxy Waterproofer utilizes a color pack system for added coloring to the clear. A color pack is added to the Part A Resin at the time of the application. One color pack per gallon unit. We have over 60 colors. The Epoxy Waterproofer color chart is available to view color choices or go online at www.chargar.com. Click on Waterproofer and then Epoxy Waterproofer.

Cold Weather Use Directions:

Epoxy-Waterproofer when applied at 70°F cures in 24 hours. Colder temperatures delay the set time.
40F cure time 72 hours
50F cure time 48 hours
60F cure time 36 hours
A second coat can be applied when the first coat has dried to a fingernail hard. Usually 24-48 hours. Heat can be applied to the surface to accelerate the set time. Raise temperature only to 70-80°F. A slightly greasy feeling will be noticed on the surface of the Waterproofer. This should not be confused as a curing problem, and is excess curing agent that the system has not utilized and will dissipate.

Wide Cracks:

In applications of filling cracks larger than 1/8" and up, or on vertical surfaces, add clean dry sand (fine) to above mixture to produce a stiff trowel-able mortar.

