



EPOXY-COAT

**A TOUGH WEARING
ABRASION and CHEMICAL
RESISTANT COATING**

PRODUCT DESCRIPTION

Florok EPOXY-COAT is a high solids, two part catalyzed, self curing, thermo setting paint.

Cures to the hardest, abrasive, chemical and solvent resistant coating. (See Technical Data Chart on page 2.)

For use on any clean, structurally sound surface as masonry, concrete, metal and wood, interior or exterior.

BASIC USES

- A protective and decorative coating for floors, walls, ceilings, tanks and other structural members exposed to wear and abusive action due to corrosive attack caused by moisture, salt water, most acids, alkalis, petroleum products and their fumes.
- Accepted by USDA for use in meat and poultry plants.
- For institutions, industrial, food and beverage plants, dairies, kitchens, laboratories, warehouses, etc.

ADVANTAGES

- Extremely tough and resistant to high traffic wear and heavy loading.
- Resistant to most chemicals, acids, alkalis and their fumes as found in industry.
- May be used inside or outside of tanks. Request technical recommendations from Factory for extreme job conditions.
- High-Gloss. Easy to clean. Resists strongest detergents.
- Flame Resistant when cured.

COLORS

Clear, White, Black, Light Grey, Battleship Grey, Cement Grey, Buff, Brown, Red, Green and other colors to order.

COVERAGE

Rate of application will average about 250 square feet per gallon, depending on job requirements and surface conditions.

SIZES

1, 2, 10 Gallon UNITS.



LIMITATIONS

Temperature at time of application should be above 40°F. Good ventilation required in enclosed area.

Flammable in liquid state. Keep away from open flames.

FORMULAS

- EPOXY-COAT is of medium viscosity for normal use.
- EPOXY-COAT CL28 Clear is a low viscosity sealer for deep penetration.
- For high build up and cladding, EPOXY-SEAL is recommended.
- NON-SKID Grade (Fine) Factory premixed for non slip finish.
- EPOXY-COAT/METAL PRIMER contains zinc chromate for maximum protection.

TECHNICAL SERVICE

Experienced technical representatives and laboratory facilities available.



THE CHARGAR CORPORATION

299 WELTON STREET • HAMDEN, CONNECTICUT 06511

TELEPHONE (203) 562-9948

PRODUCT No.

119-3

DIRECTIONS

- Surface must be clean, dry and structurally sound.
- Use appropriate cleaning methods and repair surface as required.
- Concrete: For best results, acid etch, neutralize and flush with clean water. Allow surface to dry thoroughly.
- Metal: Surfaces exposed to immersion (tanks) must be sandblasted to white metal. Commercial sandblasting is satisfactory for normal conditions. If sandblasting is not feasible, remove all rust, dirt, oil etc. by any other appropriate methods. Wipe entire surface down with clean cloth immersed in Florok EPOXY SOLVENT. Apply one coat of EPOXY-COAT/Metal Primer.
- Mix the two components together (Resin A and Activator B)
- Allow mixture to set and precure for at least 30 minutes before using.
- Application may be made by brush, roller or spray. Equipment must be resistant to aromatic solvents.
- For best results apply two uniform applications, each pass at right angles to previous. Under extreme conditions or exposures additional coats may be necessary to obtain desired thickness or protection.

NON-SKID Grade available. Or, Florok QUARTZ SILICA AGGREGATE may be broadcast on wet EPOXY-COAT. Apply second coat to lock in aggregates.

PRECAUTION

- In liquid state EPOXY-COAT is flammable
- Use in ventilated area only.
- Avoid prolonged contact with skin or breathing of mist.

TECHNICAL DATA

- Cured thin film application exhibits compressive strength of 4000 to 6000 PSI
- Cured film is stable, non-shrink and non-expanding.
- Freeze and thaw test — No failure after 25 cycles between minus -40°F. to 250°F.
- Cured film non-toxic.
- Impact Resistance — excellent at 160 inch-pounds.

Guarantee: All Florok Products are of the highest quality and guaranteed free of defects. Due to the broad range of job conditions and methods of application, test panel should be made to determine suitability of this product for job requirements. No responsibility can be accepted beyond purchase price.

CHEMICAL RESISTANCE DATA

FATS AND OILS	
Mineral	R
Animal	R
Vegetable	R
ALKALIES	
Acceptable to all	R
ACIDS	
Sulfuric 10%	R
Sulfuric, Concentrated	NR
Hydrochloric 10%	R
Hydrochloric Concen.	RS
Nitric	NR
Phosphoric 10%	R
Phosphoric Concen.	NR
Citric 10%	R
Citric Concentrated	NR
GASES	
Carbon Dioxide	R
Sulfur Dioxide	R
Chlorine	NR
Hydrogen Sulfide	R
OXIDIZING AGENTS	
Hydrogen Peroxide	NR
Sodium Hypochlorite 5%	R
Chromic acid	NR
Chlorine water	R
SALT SOLUTIONS	
Alum	R
Ferrous Sulfate	RS
Copper Sulfate	RS
Calcium Chloride	R
Sodium Sulfate	R
Sodium Phosphate	R
Sodium Acetate	R
SOLVENTS	
Hydrocarbons	R
Alcohols	R
Esters	RS
Ketones	RS
Ethers	R
Phenol	NR
Methylene Chloride	NR
Chlorinated Solvents	RS

R = Recommended

RS = Recommended for splash or spillage.

NR = Not recommended.