FLOROK BRAND

EPOXY TOPPING

HEAVY DUTY
Chemical Resistant
Floor surfacing & patching

PRODUCT DESCRIPTION

FLOROK EPOXY TOPPING UNIT consists of properly proportioned quantities of 100% Epoxy Resins, Hardener and hardest flint like aggregates.

These are to be mixed together to a mortar consistency and applied by trowel.

Cures chemically to form an extremely dense, durable, tough wearing, chemical resistant surface.

USES

Resurfacing of entire floor areas; patching of worn or damaged sections, traffic aisles, ramps, docks and stairs. Can be used in or out of doors.

ADVANTAGES

- Exceptionally high compressive and tensile strengths. Withstands extreme loads and traffic abuse.
- Resistant to most chemicals, acids and alkalis. See Resistant chart on reverse side. Special grades available for extreme exposure conditions.
- Non-Skid texture provides safety for personnel and truck traffic.
- Easily applied by all Professional Contractors and Maintenance Crews.
- Applies from feather edge to any thickness in one application.
- Economical--outwears all other type floors by three to five times.
- Relatively light weight. An important factor when resurfacing upper floors.
- Applies to any interior or exterior structurally sound surface.
- Solvent free, mild non-offensive odor during application.

FORMULATIONS

Florok EPOXY TOPPING meets performance requirements of most pertinent Federal, DOT, USDA, AASHTO specifications and has been tested in accordance with the following requirements:

ASTM	C 881	C 900
	C882	D 570
	C 883	D 1259
	C884	D 1652
	E 84	Flames spread 30
		Fuel contributed 0
AASHTO M 200		

Other formulations available to suit specific job requirements and specifications.

SIZES — UNITS

- 65 lb. Unit covers approximately 20 to 25 Sq. Ft. ¼".

Each UNIT contains proper quantities of Epoxy Resin, Hardener and aggregates. Also included is Epoxy Solvent for clean up and Trowel Aid to prevent trowel drag.

Special sizes available to order.

COLORS — STANDARD—

• Cement Grey	#60
• Light Grey	#41
• Battleship Grey	#48
• Red	#26
• Green	#45
• Brown	#24
• Buff	#59
• Neutral	
• Special colors to order	

LIMITATIONS

- Continuous submergence in extremely strong chemicals and solvents. (See resistance chart on reverse side). Make test sample.
- Primer recommended for most severe conditions.
- All epoxy resins and hardeners may cause eye or skin irritations. Use caution. Read warning instruction on label.
- During application; temperature should not be below 50° F. Keep away from heat or flame.

FLOROK CHARGAR SINCE 1950

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PRODUCT No. **119-1**

TECHNICAL DATA

Compressive strength	13,000 – 17,000 psi	Hardness Shore D	85
Tensile strength (ultimate)	8,500 psi	Density	125 Lb/Cu. Ft.
Tensile Elongation	2.5%	Working Time	1 hour at 80°F.
Ultimate Flexural Strength	16,000 psi	Initial Set	(Dep. on Temp.) 4½ hr.
Water Absorption 24 hours	0.17%	Final Cure	7 Days

The chart below contains a representative list of chemicals that are typically encountered in industry. Tests were carefully controlled and the results shown are based on 30 day immersion tests. In most cases Florok EPOXY TOPPING will successfully resist splashing or occasional spillage of practically every chemical used, without adverse affect.

Where continuous submersion is contemplated, it is suggested that small test areas or panels be made for testing purposes. Florok EPOXY TOPPING is available in three formulations. Standard, CM-9 and CM-11. Each was designed for resistance to combinations of specific chemicals. A complete Chemical Resistance Chart is available on request. It is recommended that your job conditions and exposures be submitted to our technically trained field representatives, who, in conjunction with our Lab, will then recommend a formula and system best suited to your requirements.

CHEMICAL RESISTANCE

Acetic Acid	5%	E	Ethyl Alcohol	E	Methyl Alcohol	E
Acetic Acid	10%	F	Fatty Acids	E	Methyl Isobutyl	
Acetone		NR	Ferric Salts	E	Ketone	F
Amonium Hydroxide		E	Fluosilic Acid	WI	Milk	E
Beer		E	Formic Acid	E	Mineral Oils	E
Benzene		F	Hydrochloric Acid	E	Nitric Acid 5%	E
Calcium Hydroxide		E	Hydrofluoric Acid	F	Nitric Acid 30%	F
Carbon Tetrachloride		E	Hydrogen Peroxide	F	Oleic Acid	E
Chromic Acid	10%	E	Isopropyl Alcohol	E	Oxalic Acid	F
Citric Acid	10%	E	Jet Fuel	E	Phenol 5%	E
Cola Syrup		E	Lactic Acid 10%	E	Phosphoric Acid	E
Potassium Hydroxide		E	Sugar Solutions	E	Toluene	F
Sodium Hypochlorite		F	Sulfuric Acid 60%	F	Trichloroethylene	NR
					Xylol	F

Key: Results determined upon 30 day immersion test.

E – Excellent
F – Fair
NR – Not Recommended
WI – Wash Immediately

INSTALLATION

PREPARATION: Surface must be clean, dry and structurally sound. For best results, new concrete should be acid etched and neutralized. Allow to dry before applying topping.

Primer of EPOXY ADHESIVE recommended for most severe job conditions.

MIXING: Mix RESIN 'A' with ACTIVATOR 'B' thoroughly with slow speed electric drill and paddle for 5 minutes. Then blend in aggregates (as supplied) in quantities to suit job conditions.

APPLICATION: Use depth strips and screed to desired thickness. Finish with steel trowel to smooth tight surface.

- **HERE ARE TYPICAL APPLICATIONS**