TECHNICAL DATA SHEET
CFS-NOVOLAC EPOXY PRIMER

PRODUCT DESCRIPTION: CFS-Novolac Epoxy Primer is a two component novolac epoxy primer in colors. This product offers high solids, good substrate penetration and low odor. This primer reduces air release generation from the substrate when applying higher solids novolac topcoats. This will result in fewer surface imperfections in high build and self leveling type coating.

RECOMMENDED FOR: Recommended for priming concrete and cement substrates prior to applying CFS-Novolac Topcoat. This product can withstand exposure to many chemicals.

SOLIDS BY WEIGHT: Mixed = 85% (+/- 2%)
SOLIDS BY VOLUME: Mixed = 80% (+/- 2%)
VOLATILE ORGANIC CONTENT: Part A = 1.7 lbs. per gallon/Part B = 1.25 lbs. per gallon VOC mixed < 183 g/l
STANDARD COLORS: Light gray, medium gray, tile red
RECOMMENDED FILM THICKNESS:
5-6 mils per coat wet thickness (yields 4-5 mils dry)
COVERAGE PER GALLON:
267-320 sq. ft. @ 5-6 mils wet thickness
PACKAGING INFORMATION: 1 ½ gallon, 3 gallon
MIX RATIO: 9.95# part A (1 gallon) to 4.15# (½ gallon) part B (volumes are approximate)
SHELF LIFE: 1 year in unopened containers
FINISH CHARACTERISTICS:
Satin gloss (>20 at 60 degrees @ glossmeter)
FLEXIBILITY: No cracks on a ⅛" mandrel
IMPACT RESISTANCE:
Gardner impact, direct = 50 in. lb. passed
ABRASION RESISTANCE:
Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 26.1 mg loss
ADHESION:
375 psi @ elcometer (concrete failure, no delamination)
VISCOSITY: Mixed = 250-500 cps (typical)
DOT CLASSIFICATIONS:
Part A "FLAMMABLE LIQUID N.O.S., 3, UN1993 PGII"
Part B "FLAMMABLE LIQUID N.O.S., 3, UN1993 PGII"

CURE SCHEDULE: (70 DEGREES F)

Pot life (1 ½ gallon volume)	1-3 hours
Tack free (dry to touch)	4-7 hours
Recoat or topcoat	7-10 hours
Light foot traffic	12-24 hours
Full cure (heavy traffic)	2-7 days

APPLICATION TEMPERATURE:
60-90 degrees F with relative humidity below 90%

CHEMICAL RESISTANCE

REAGENT	RATING
Acetic acid 5%	D
Xylene	D
Toluene	D
1,1,1 trichloroethane	C
Mek	C
Methyl alcohol	C
Gasoline	D
10% sodium hydroxide	E
50% sodium hydroxide	E
10% sulfuric acid	E
10% hydrochloric acid	E
20% nitric acid	C
Ethylene glycol	E

Rating Key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.
PRIMER: None required
TOPCOAT: Many novolac products are suitable such as our CFS-Novolac Epoxy topcoat

LIMITATIONS:

*Colors may be affected by high humidity, low temperatures or chemical exposure.
*For best results, use a ¼" nap roller.
*Slab on grade requires moisture barrier.
*Substrate temperature must be 5 degrees F above dew point.
*All new concrete must be cured for at least 30 days.
*Physical properties are typical values and not specifications.
*This product should be topcoated with a suitable novolac epoxy topcoat.
*Colors may vary from batch to batch.