



BF253X NOVOLAC TOPCOAT

PRODUCT DESCRIPTION

BF253X is a two component colored high solids novolac epoxy coating designed for application where splash and spills of acids, chemicals, and solvents occur

RECOMMENDED FOR: Recommended for a high build topcoat for traffic areas, chemical troughs and curbs as well as tanks and chemical spill areas such as breweries, wineries, and food processing facilities for cement masonry or brick.

SPECS

SOLIDS BY WEIGHT/VOLUME	96% (+, - 1%) / 94% (+, - 1%)
HEAT DEFLECTION TEMP.	115.5 degrees F, ASTM D648
VOLATILE ORGANIC CONTENT	Less than 44 g/L
RECOMMENDED FILM THICKNESS	16-18 mils
PACKAGING INFORMATION	1.5 gallon kit, 3 gallon kit, and 15 gallon kit
FLEXURAL STRENGTH	9,610 psi @ ASTM D790- 1/2"X1/2" bars span 4"
MIX RATIO	2 Parts A to 1 Part B
SHELF LIFE	1 year in unopened containers
COMPRESSIVE STRENGTH	9,900 psi @ ASTM D695
TENSILE STRENGTH	6,680 psi @ ASTM D638
ADHESION	425 psi @ elcometer (concrete failure, no delamination)
ULTIMATE ELONGATION	4.7%
VISCOSITY	Mixed = 2200-2700 cps (typical)
DOT CLASSIFICATIONS	Part A "not regulated" Part B "CORROSIVE LIQUID N.O.S., 8, UN1760, PGIII"
ABRASION RESISTANCE	Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 20 mg loss
HARDNESS	Shore D = 88
GARDNER VARIABLE IMPACTOR	50 inch pounds direct - passed

COVERAGE

PER GALLON	90-100 square feet per gallon @ 16-18 mils. Coverage will vary based on surface profile and application thickness
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COLORS

Light gray, Medium Gray, and Tile Red

CURE SCHEDULE

POT LIFE (1.5 Gal)	25-35 minutes
TACK FREE (Dry to touch)	5-7 hours
RECOAT OR TOPCOAT	5-10 hours
LIGHT FOOT TRAFFIC	10-18 hours
FULL CURE (heavy traffic)	2-7 days
APPLICATION TEMPERATURE	60-95 degrees F with RH below 90%

PRIMERS

Recommend to be used with BF 257X or BF903SLX.

TOPCOAT

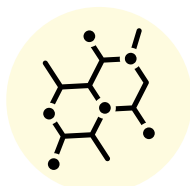
None recommended

CHEMICAL RESISTANCE

Xylene	D
1,1,1 trichloroethane	C
MEK	C
Methanol	C
Ethyl alcohol	C
Skydrol	C
10% Sodium Hydroxide	E
50% sodium hydroxide	E
10% sulfuric acid	E
70% Sulfuric Acid	C
10% HC1 (aq)	D
5% Acetic Acid	D

Rating Key: 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.

FEATURES



Chemical Resistance



Heat Resistant



Super Durable



Roll On Application

LIMITATIONS

Color stability or gloss may be affected by environmental conditions such as high humidity, low temperature or chemical exposure. Colors may vary from batch to batch. Therefore, use only product from the same batch for an entire job. Apply a suitable primer before using this product. This product is not UV color stable and exposure to lighting such as sodium vapor lights may cause discolorations. Mixtures of chemicals and applications with exposures to chemicals at elevated temperatures should be thoroughly evaluated before applying coating. A test patch is recommended. Product can develop surface irregularities in leveling in combination to some chemical contamination or substrate compositions. Substrate temperature must be 5°F above dew point. For best results, apply with a 1/4" nap roller. All new concrete must be cured for at least 30 days prior to application. See reverse side for application instructions.