TECHNICAL DATA SHEET
CFS-EPOXY MORTAR KIT

PRODUCT DESCRIPTION: CFS-Epoxy Mortar Kit is a three component 100% solids epoxy mortar designed for applications where excellent wear characteristics and strength are required.
RECOMMENDED FOR: Recommended for heavy traffic areas, forklift traffic and steel wheel equipment production areas.
NOT RECOMMENDED FOR: Immersion applications for acids and chemicals.

SOLIDS BY WEIGHT: 100%
VOLATILE ORGANIC CONTENT:
Less than 3.5 g/l
STANDARD COLOR: Natural
RECOMMENDED THICKNESS: ⅛" to ¼"
COVERAGE PER .45 CU. FT. UNIT:
21.54 sq. ft. @ ¼" and 43.1 sq. ft. @ ⅛"

PACKAGING	CUBIC FEET
¼ unit	.11 (approx.)
Unit	.45 (approx.)
Bulk unit	2.25 (approx.)

*UNIT = 9# part A, 2.2# part B, 50# aggregate. A bulk is approximate;y five units (all weights approximate)
MIX RATIO: *UNIT = .96 -.98 gallons part A to .26 gallons part B plus 50# aggregate. (weights and volumes are approximate)
SHELF LIFE: 2 years in unopened containers
FLEXURAL STRENGTH:
15,150 psi @ ASTM D790
COMPRESSIVE STRENGTH:
11,150 psi @ ASTM D695
TENSILE STRENGTH: 6,800 psi @ ASTM D638
ULTIMATE ELONGATION: 4.65%
IMPACT RESISTANCE: Excellent
ABRASION RESISTANCE: Excellent
HEAT DEFLECTION TEMP:
70.5 degrees C @ ASTM D648
WEATHERING: Good (chalks)

DOT CLASSIFICATIONS:
Part A & C "not regulated" Part B "CORROSIVE LIQUID N.O.S., 8, UNI1760, PGIII"
VISCOSITY:
Part A = 450-750 cps, Part B = 290-500 cps
CURE SCHEDULE: (70 DEGREES F)

Pot life (.45 cu. ft. mix)	30-40 minutes
Recoat or topcoat	7-8 hours
Light foot traffic	14-16 hours
Full cure (heavy traffic)	2-7 days

APPLICATION TEMPERATURE: 55-90 degrees F
CHEMICAL RESISTANCE:

REAGENT	RATING
Xylene	B
1,1,1 trichloroethane	C
Methanol	B
Ethyl alcohol	B
Skydrol	B
10% sodium hydroxide	C
50% sodium hydroxide	C
10% sulfuric acid	B
10% HC1 (aq)	C
5% acetic acid	B

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: None required

LIMITATIONS:
*Color stability may be affected by environmental conditions such as high humidity or chemical exposure.
*Epoxy products are not UV color stable and may discolor if exposed to certain types of light such as sodium vapor lighting.
*Colors may vary from batch to batch due to variations in the silica filler.
*Substrate temperature must be 5 degrees F above dew point.
*For chemical exposure areas, we recommend a suitable topcoat to reduce porosity and chemical migration.
*All new concrete must be cured for at least 30 days prior to application.
*Test data based on neat resin.
*Physical properties are typical values and not specifications.