



Pruett-Schaffer
Coatings for a Green World
412-771-2000

www.pruett-schaffer.com

PRODUCT NUMBER **PRODUCT NAME**
12-SERIES **HIGH PERFORMANCE EPOXY REPAIR COMPOUND**

GENERAL DESCRIPTION

Pruett-Schaffer's 12-Series coatings are a family of 100% solids, two-component epoxy coatings. They are based on bisphenol A epoxy and special wetting and adhesion promoting additives and are cured with polyamidoamine. White sand should be added until a thick paste is achieved.

RECOMMENDED USES

12-Series epoxies are formulated as 100% non-volatile non-shrinking concrete patching or repair compounds. They are recommended for use on substrates exposed to chemicals, heat or steam, solvents, acids or alkalis, water (including distilled at elevated temperatures), salts, oils, and fuels. They have excellent adhesion, flexibility, and corrosion resistance, display good exterior durability (but they will chalk), and good abrasion resistance.

SURFACE PREPARATION

Degrease with detergent & acid etch if substrate is questionable.

MIXING RATIO

Mix ratios of "A" to "B" are 2:1, Add B component to A component & mix until uniform. Add white sand until a viscous trowelable paste is achieved. Up to 100# pounds of sand can be added to a 3 gallon kit depending on the grade of sand used. Use at once, there is no induction time. Do not reuse previously used mixing containers; partially cured material will greatly accelerate the cure of the freshly mixed epoxy resulting in dramatically reduced pot life. Clean mixing blade after each use.

THINNING

Under normal conditions, thinning is not recommended.

APPLICATION EQUIPMENT

Apply by trowel.

CURING TIMES & TEMPERATURES

Cures tack free in 4-6 at 70 °F. Full cure may take up to 1 week for areas that have a thick coating.

CLEANUP

Clean equipment with xylol or toluol before the film cures.

ENVIRONMENTAL

These products meet current air pollution regulations regarding hydrocarbon and ozone reactive emissions. They are 0 VOC. They contain no zinc or chromate, and comply with current federal regulations regarding the use of lead in paint.

PHYSICAL PARAMETERS

VOC, ASTM D-3960: 0 mixed system

WEIGHT PER GALLON, ASTM D-1475:
9-10.0lb mixed system

NONVOLATILE, mixed system:
By weight: 100%
By volume: 100%

THEORETICAL COVERAGE:
1607ft²/gallon/mil, dry film

POT LIFE, mixed in 5 gal lots:
2 hr @ 72 °F *

FLASH POINT, PMCC: >175 °F

THIS INFORMATION RESULTS FROM TESTS CONDUCTED IN A LABORATORY UNDER LABORATORY CONDITIONS. DIFFERENT RESULTS MAY BE OBTAINED IN COMMERCIAL USE OF THIS PRODUCT UNDER FACTORY OR FIELD CONDITIONS. PRUETT-SCHAFFER MAKES NO WARRANTY CONCERNING THE SUITABILITY OF THIS PRODUCT FOR THE END USE CONTEMPLATED BY THE BUYER, EXCEPT THAT THE PRODUCT SHALL BE IN COMPLIANCE WITH THE TECHNICAL SPECIFICATIONS PRESENTED HEREIN.

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