



PRODUCT DATA

PRODUCT DESCRIPTION

Safe-T-Grip® 2:1 is a two-component, 100% solids epoxy hybrid/amine cured polymer designed for use with aggregate as a tough, durable, skid resistant, high friction bonded overlay. Safe-T-Grip® 2:1 is a system comprised of Safe-T-Grip® 2:1 liquid and the custom color aggregate manufactured by Epoplex. Safe-T-Grip® 2:1 liquid is a two-component, 100% solids epoxy hybrid/amine cured polymer formulated to provide a simple volumetric mixing ratio of two volumes of Component A (epoxy hybrid) to one volume of Component B (amine). Safe-T-Grip® 2:1 is designed for use with custom color aggregate, granite and/or calcined bauxite.

USES, APPLICATIONS

Safe-T-Grip® 2:1 may be applied to concrete and asphalt as a long-lasting thin overlay to provide a skid resistant high friction surface in wet and dry weather conditions. Epoplex Safe-T-Grip® 2:1 aggregate is available in a variety of colors. Uses include areas designated for HFST, ramps, intersections, specialty lanes, school zones, cross walks, etc. Safe-T-Grip® 2:1 is not recommended for use over polymeric or magnesium phosphate patching materials.

PRODUCT ADVANTAGES

- 100% solids chemistry
- Hybrid epoxy chemistry maintains flexibility in cold and after aging
- Long-term high friction characteristics
- Excellent bond strength assures good adhesion to the substrate
- Special formulation chemistry for faster set at a wide range of temperatures
- Specified aggregate provides and maintains excellent skid resistance
- Low viscosity and 2:1 mix ratio for easy application

PACKAGING

Component A: Epoxy Hybrid Resin

Component B: Amine

Both components are available in 5 gallon pails, 55 gallon drums and 250 gallon totes.

STORAGE CONDITIONS

Store both components of Safe-T-Grip® 2:1 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

SAFETY

Proper personal protective equipment should be utilized when applying Epoplex products. For specific safety and handling information please consult the Safety Data Sheet. Safety Data Sheets for Epoplex products are available online at www.epoplex.com or upon request.

PHYSICAL CHARACTERISTICS

Percent Solids	100%
Viscosity	1,250 cP (ASTM D-2196)
Gel Time @ 77°F/25°C	15 minutes (ASTM D-2471)
Cure Time @ 77F/25C	2.5 hours
Adhesion	> 300 psi (100% concrete failure) (ASTM D-7234)
Hardness, Shore D.....	70 (ASTM D-2240)
Tensile Strength	2900 psi (ASTM D-638)
Elongation	100% (ASTM D-638)
Water Absorption.....	0.6% @ 24 hour (ASTM D-570)
Coverage:	
Liquid Binder	0.36 gallons/sq. yd.
Aggregate.....	15-18 lb./sq. yd.
Compressive Strength (Mortar) (ASTM C-579)	After 3 hours - 1700 psi After 7 days - 5300 psi

Note: All properties are tested at 7 days unless other- wise noted.

IMPORTANT:

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1000 East Park Avenue, Maple Shade, NJ 08052 • 856.667.8399 • FAX 856.779.2963 • Toll Free 800.822.6920