



TYFO® EI-R

Final Component of the Tyfo® AFP System

DESCRIPTION

Tyfo® EI-R is a final component of the Tyfo® AFP System. Tyfo® EI-R is a single component, water-based mixture of natural sandstone and acrylic binders that provides a high-quality, crack-resistant, finish over the fire-proofing assembly.

USE

The Tyfo® EI-R finish coating provides additional toughness and durability to the Tyfo® AFP System. The Tyfo® EI-R is spray applied and can be trowel-finished to improve the appearance of the system.

ADVANTAGES

- ICC-ES ESR-2103 listed product
- ASTM E119 4-hr Rated Assembly (UL Listed Design No. N790, X842)
- ASTM E84 Class 1/Class A Rated Assembly (UL Listed, Design No. BWSZ.R15357)
- VOC level ranging from 15-53 g/l
- For vertical, and overhead surfaces
- Excellent impact resistance
- Highly crack resistant

PACKAGING & COLOR

Tyfo® EI-R is packaged in 5-gallon containers. Tyfo® EI-R is available in gray.

COVERAGE RATE

The Tyfo® EI-R Coating is spray applied at a rate of 0.46 lbs. per sq.ft. at a thickness of 10 – 20 mils when used as a component of the Tyfo® AFP System.

SHELF LIFE

Fifteen (15) months in original, unopened and properly stored container.

STORAGE CONDITIONS

Store material at 40°F to 90°F (4°C to 32°C). Keep from freezing; material may coagulate. Store in a cool place out of direct sunlight. Keep container sealed and protected from physical damage.

CURE CONDITIONS

Typical full cure is approximately 7 days at 73°F. Changes in temperature, humidity and installed thickness may affect cure time. Cure trials should be performed where required. Protect material from rain or dirt during initial cure time.

PROTECTIVE COATINGS

Apply a final coat of thickened Tyfo® S Epoxy to all fabric edges, including butt splice, termination points and jacket edges. Paint between 24 and 72 hours after final application of epoxy. If more than 72 hours after application, prepare the surface by light sandblast or hand sanding to lightly etch the surface.

LIMITATIONS

Recommended substrate temperature range is 50°F to 100°F (10°C to 38°C). All coating applications to be performed at a minimum of 5.4°F above the dew point. Maintain conditions for the first 48 hours of cure. Temperatures below 50°F will significantly increase the viscosity of the mixed product. Higher viscosity will reduce fabric penetration, introduce additional air into the system, and extend the cure times beyond 48 hours. DO NOT THIN. Solvents will prevent proper cure.

INSTALLATION OF THE TYFO® EI-R COATING

INSTALLATION

Tyfo® EI-R shall be applied by FyfeFRP LLC certified applicators. Tyfo® EI-R is spray applied over the Tyfo® VG using conventional texture spraying and surface finishing equipment (hopper gun, texture sprayer, etc.). Tyfo® EI-R is applied a minimum of 4-6 hours after the final lift of Tyfo® VG. Changes in temperature, humidity and installed thickness may affect cure time. Tyfo® EI-R may be trowel-finished to achieve the desired texture.

CAUTION!

CLEANUP

Collect with absorbent material. Dispose in accordance with local disposal regulations. Uncured material can be removed with approved solvent. Cured materials must be mechanically removed.

HAZARDS

Consult the Safety Data Sheets (SDS) for associated hazards. SDS will be supplied upon request.

Consult safety data sheet (SDS) for more information. For industrial use only.

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