



TYFO® WR-AFP

for the Tyfo® CFP System

DESCRIPTION

Tyfo® WR-AFP is the final component of the Tyfo® CFP System. The Tyfo® CFP System consists of Tyfo® VG Primer, Tyfo® VG Dash Coat and Tyfo® WR-AFP. The Tyfo® CFP System is specially formulated to provide a 1 to 4-hour UL-rated assembly per ASTM E119.

USE

Tyfo® WR-AFP is used in conjunction with the Tyfo® CFP System where higher fire ratings are required.

ADVANTAGES

- ASTM E119 UL-Listed Design No. N806, N850, X852 and X853
- ASTM E84 Class 1/Class A Rated Assembly (UL-Listed Design No. BWSZ.R15357)

COVERAGE

Approximately 22 ft² per bag at a thickness of 0.75". Thickness may vary based on design. Applicator to allow for waste and overspray.

PACKAGING

43 lbs. per bag.

SHELF LIFE

12 months in the original, unopened package when kept in a dry area above freezing.

STORAGE CONDITIONS

Store units in a dry area above 32°F (0°C). Plastic tarping is recommended. Avoid freezing.

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

HOW TO USE THE TYFO® WR-AFP

SURFACE PREPARATION

Surface should be free of excess dust, debris, oils and greases.

MIXING

Mix with clean water until uniformly blended, typically 5-7 minutes. Recommended mix ratio is 1 part WR-AFP to 1.25 parts water. Apply immediately.

APPLICATION

Spray-apply the Tyfo® WR-AFP over the Tyfo® VG Dash Coat to achieve the minimum thickness. If multiple lifts are required, subsequent lifts are applied 4 - 6 hours after the previous lift, or when the surface has achieved sufficient strength to support additional lifts. Tyfo® WR-AFP may be trowel-finished to achieve the desired texture.

WORKING TIME

Tyfo® WR-AFP has a short working time of approximately 20 minutes at normal ambient temperatures between 60° to 80°F (16° to 27°C). Do not mix more than can be spray-applied within this time. If material begins to harden, it should be discarded.

Epoxy Material Properties		
Property	ASTM Method	Typical Test Value
Dry Density, lb./cu. ft. (min. avg.)		28.6
Compressive Strength, lb./sq. ft.	E761	18,288
Bond Strength, lb./sq. ft.	E736	1,641
Combustibility	E136	Passes, Non-comb.
Surface Flame Spread Smoke Developed	E84	0 0
Corrosion of Steel	E937	Passed

¹ Testing temperature: 73°F (23°C).

² Adhesion strength dependent on surface preparation and substrate thickness. Cure schedule: 7 days at 73°F (23°C).

CAUTION!

CLEANUP

Clean tools and equipment with water before the material hardens. Dry material may be swept or vacuumed up. Dispose in accordance with local disposal regulations.

HAZARDS

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

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