

## 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 ft<sup>2</sup> 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

Twelve 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.

## 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.

## 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.

**CONSULT SAFETY DATA SHEET (SDS) FOR MORE INFORMATION. FOR INDUSTRIAL USE ONLY.**

## 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	E84	0
Smoke Developed		0
Corrosion of Steel	E937	Passed

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