

Tyfo[®] WR-AFP

For the Tyfo[®] CFP System

DESCRIPTION

Tyfo[®] WR-AFP is the third component of the specialized Tyfo[®] CFP System. The Tyfo[®] CFP System consists of Tyfo[®] VG Primer, Tyfo[®] VG Dash Coat and Tyfo[®] WR-AFP. It is non-combustible and non-flammable.

USE

This material is recommended for use in conjunction with the other components of the Tyfo[®] CFP System where higher fire ratings are required.

ADVANTAGES

- Tyfo[®] CFP fire-resistant system can provide a 1, 2, 3 or 4-hour rating
- UL listed, Design No. N806, N850, X852 and X853
- Conforms to British Standard & European Approvals

COVERAGE

One bag yields approximately 22 sq. ft. (2.04m²) at 3/4 inch (19.1mm) thick, less 10% waste. Contact Fyfe Company engineer for required thickness. Applicator should allow for waste and overspray.

PACKAGING

One 43 lb. (18kg) bag of Tyfo[®] WR-AFP dry powder.

SHELF LIFE

Six 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.

CERTIFICATE OF COMPLIANCE

- Will be supplied upon request, complete with state and federal packaging laws with copy of labels used.
- Material safety data sheets will be supplied upon request.

HOW TO USE THE TYFO[®] WR-AFP

SURFACE PREPARATION

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

MIXING

Pour the desired amount of Tyfo[®] WR-AFP into a suitable mixing container. Add the appropriate amount of clean water to the Tyfo[®] WR-AFP (1 part WR-AFP:1.25 part water). Mix until uniformly blended approximately 5 to 7 minutes. Apply immediately.

APPLICATION

Apply Tyfo[®] VG Primer (see data sheet for application procedure). Apply Tyfo[®] VG Dash Coat (see data sheet for application procedure). Tyfo[®] WR-AFP may be applied by spray method 0.5 to 6 hours after the Tyfo[®] VG Dash Coat. It may be built-up in one or more lifts to achieve the minimum specified thickness. If multiple lifts are required, subsequent lifts are applied 4 - 6 hours after the previous lift, or when the surface has achieved proper 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.

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 - WR-AFP System	E84	0 0
Corrosion of Steel	E937	Passed

CAUTION!

PROTECTION

Respiratory: Use of respiratory protection suitable for nuisance dust is recommended.

Eyes: Use safety goggles or glasses which provide adequate eye protection.

Skin Contact: Use of gloves and adequate clothing to avoid skin irritation is recommended.

FIRST AID

In case of skin irritation, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of clear water; contact physician if necessary. If inhaled, remove individual to area with fresh air.

CLEANUP

Clean tools and equipment with water before the material hardens. Dry material may be swept or vacuumed up.

DISPOSAL

Dispose of all wastes in accordance with federal, state and local regulations.

SHIPPING LABELS CONTAIN

- State specification number with modifications, if applicable
- Component designation
- Type, if applicable
- Manufacturer's name
- Date of manufacture
- Batch name
- State lot number, if applicable
- Directions for use
- Warnings or precautions required by law

**NOT FOR INTERNAL CONSUMPTION.
CONSULT MATERIAL SAFETY DATA SHEET
(MSDS) FOR MORE INFORMATION.
KEEP OUT OF REACH OF CHILDREN.
FOR INDUSTRIAL USE ONLY.**

Fyfe Co. LLC

Tyfo® Fibrwrap® Systems

3940 Ruffin Road, Suite C, San Diego, CA 92123

Tel: 858.642.0694 Fax: 858.444.2982

E-mail: info@fyfeco.com www.fyfeco.com

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