



Tyfo® VG for the Tyfo® Fire-Resistant System

DESCRIPTION

Tyfo® VG is a specialized component of the Tyfo® Fire-Resistant System. It is non-combustible and non-flammable.

USE

This material is recommended for use in conjunction with the Tyfo® Fire-Resistant System where higher fire ratings are required.

ADVANTAGES

- Fire-resistant system for up to 4-hour rating

COVERAGE

One bag yields approximately 32 sq. ft. (3m²) at 1 inch (25.4mm) thick, less 10% waste.

PACKAGING

One 44 lb. (20kg) bag of Tyfo® VG dry powder.

SHELF LIFE

Two years 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) away from flames. 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® VG

SURFACE PREPARATION

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

MIXING

Pour the desired amount of Tyfo® VG into a suitable mixing container. Add the appropriate amount of clean water to the Tyfo® VG. Mix until uniformly blended. Apply immediately.

APPLICATION

Tyfo® VG may be applied by spray method or trowel. Surface may be left rough or troweled to desired finish and allowed to setup. Clean tools immediately after use with water.

Note: Application of Tyfo® VG should be 1/2-inch (12.7mm) maximum for the first lift. Allow approximately 6 hours set time between lifts. Subsequent lifts may be applied at 1 inch (25.4mm) maximum.

WORKING TIME

Tyfo® VG has a working time of approximately 6 hours at normal ambient temperatures between 60° to 80° F (16° to 27° C). If material begins to harden, it should be discarded.

MATERIAL PROPERTIES

PROPERTY	ASTM METHOD	TYPICAL TEST VALUE
Density, lb./cu. ft.		15 - 17
Compressive Strength, lb./sq. ft.	ASTM E-761	2,340
Bond Strength, lb./sq. ft.	ASTM E-736	389
Combustibility	ASTM E-136	Passes, Non-comb.
Surface Flame Spread, smoke developed	ASTM E-84	0, 0
Erosion by Air, gm/sq. ft.	ASTM E-859	0.00
Effect of Impact	ASTM E-760	Passed
Effect of Deflection	ASTM E-759	Passed
Corrosion of Steel	ASTM E-937	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.**

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