



## Tyfo® A

### Acrylic Finish Coat

#### DESCRIPTION

Tyfo® A is a single component 100% acrylic exterior flat material that may be applied over Tyfo® Fibrwrap® Systems and other surfaces to provide a durable finish coating. The finish coating is flat and only available in white.

#### USE

This material is an excellent for exterior applications that require an acrylic finish.

#### ADVANTAGES

- Excellent quality
- Exterior, 100% acrylic flat finish
- Provides UV protection for Tyfo® Fibrwrap® Systems
- Excellent adhesion and weather resistance

#### COVERAGE

Approximate coverage per coat is 150-200 ft<sup>2</sup>/gal (13.9-18.6m<sup>2</sup>/L). Additional thicknesses or uneven surfaces will reduce the coverage.

#### MIL THICKNESS

Wet: 4.0 / Dry: 1.75

#### VISCOSITY

Package KU Viscosity is 95-100KU.

#### VOC

Coating VOC is 10<sup>2</sup>gm/L.

#### FEDERAL SPECIFICATION

Meets Performance of TT-P-19 and TT-P-55.

#### PACKAGING

Tyfo® A is packaged in 1 gallon and 5 gallon containers.

#### SHELF LIFE

Two years in original, unopened and properly stored containers.

#### STORAGE CONDITIONS

Store at 40° to 95° F (4° to 35° C). Avoid freezing. Keep the lids of the containers firmly closed. Material stored any length of time should be mixed to re-suspend any ingredients that may have settled.

#### 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.
- Possesses measured V.O.C. of 2.4 lb per gallon (278.5g/L), per EPA method 24.

## HOW TO USE THE TYFO® A FINISH COAT

#### INSTALLATION

Tyfo® System to be installed by FyfeFRP LLC trained and certified applicators.

#### SURFACE PREPARATION

The composite surface to receive the Tyfo® A finish coating shall be free of any foreign substances at the time of installation. If used over Tyfo® Composites that have been allowed to cure for more than 72 hours, surface must be roughened for proper bond by light sanding or sandblasting.

#### APPLICATION

The material can be applied by brush, roller or airless sprayer. Apply coating evenly while maintaining a 'wet edge' to prevent lapping. Application equipment must be cleaned immediately after application with soap and warm water.

#### THINNING

Tyfo® A finish coating is manufactured to be used at package consistency. If specific conditions exist where thinning is desired, thin with water not to exceed ½ pint per gallon of finish coat.

#### LIMITATIONS

Application temperature of the finish is 50° to 95° F (10° to 35° C). DO NOT THIN; solvents will prevent proper cure.

Component Properties	
Color	As required for the particular application
Pot Life	4 hours at 70° F (21° C)
Drying Time	Touch - 1 hour at 70° F (21° C) To Recoat - 6-8 hours at 70° F (21° C) Cure - 7 days

Composite Gross Laminate Properties		
Property	ASTM Method	Typical Test Value
Reflective	ASTM E-97	90.9
Contrast Ratio @ 4 mils	ASTM D-2845	0.97
QOV Chalk Rating	ASTM D-659	9
Gloss Retention @ 85° F (29° C)	ASTM D-523	Initial 7.8 Final 6.6
Viscosity	ASTM D-3359A	5A

## FIRST AID

May be irritating to the eyes and skin. Avoid contact with eyes and skin. In case of eye contact, flush with clean, warm water for at least fifteen minutes and immediately seek medical attention. Avoid breathing vapor or mist. If the material is inhaled, comes in contact with skin or eyes, or is ingested, remove immediately to fresh air. Treat symptomatically and seek immediate medical attention. Wash skin thoroughly after contact. Do not take internally.

## 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

# 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. Carbon fiber is electro-conductive.

Keep Container Tightly Closed.  
Not For Internal Consumption.  
Consult Material Safety Data Sheet  
(Msds) For More Information.  
Keep Out Of Reach Of Children  
And Unqualified Personnel.  
For Industrial Use Only.

**Statement of Responsibility:** The technical information and application advice in this publication is based on the present state of our best scientific and practical knowledge. As the nature of the information herein is general, no assumption can be made as to the product's suitability for a particular use or application, and no warranty as to its accuracy, reliability or completeness, either expressed or implied, is given other than those required by State legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use. Field service, where provided, does not constitute supervisory responsibility. Suggestions made by the FyfeFRP LLC, either verbally or in writing, may be followed, modified or rejected by the owner, engineer or contractor since they, and not the FyfeFRP LLC, are responsible for carrying out procedure appropriate to a specific application.