

TANK
CONNECTION
AFFILIATE GROUP

**Unmatched Liquid
Coating Performance!**

**Liquid Storage
Potable Water
Wastewater
Fire Protection
Industrial Liquids**

**GET
CONNECTED**

Tank Connection & Akzo Nobel – Two industry leaders providing another superb performance in Water & Wastewater Storage!

What happens when the industry leader in storage tanks teams up with the global leader in powder coatings and porcelain enamel technologies?

How about a proprietary FUSION BOND EPOXY (FBE) system that outperforms Glass?

LIQ FUSION 7000 FBE™

- The ULTIMATE INTERIOR TANK LINING system ever developed for water, wastewater, fire protection and industrial liquid storage applications. Outperforms ALL bolted tank linings offered today world-wide. (In potable water storage, our standard warranty starts at 5 years!)
- Unmatched in all performance standards including low maintenance and cost efficiency.
- The BEST CHOICE to specify for Liquid Storage Tanks.

What happens when both leaders focus on the tank exterior for long life, low maintenance service?

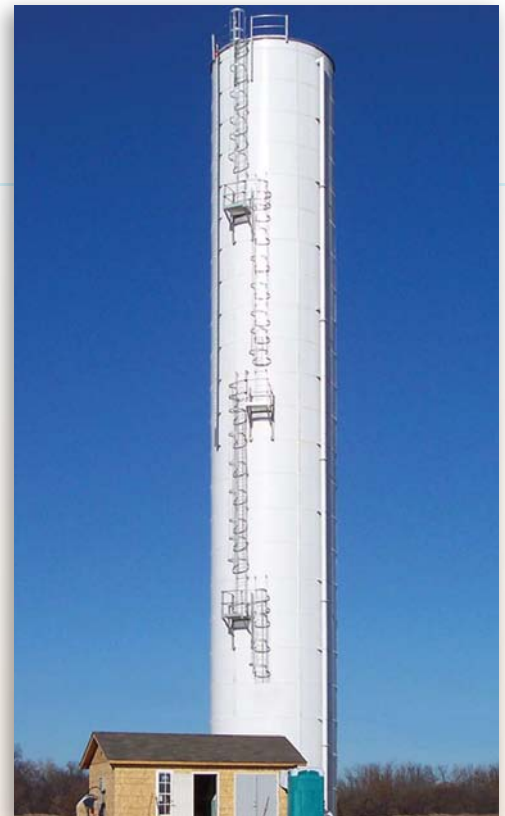
EXT FUSION 5000 FBE™ + EXT FUSION SDP™

- The ULTIMATE EXTERIOR TANK COATING system ever developed for water, wastewater, fire protection and industrial liquid applications. Outperforms ALL tank exterior coating systems offered today world-wide. This coating system utilizes the protective properties of our exclusive FBE epoxy powder fused to substrate with a fused topcoat of SD (superdurable) Polyester.
- In recognized exposure testing (Southern Florida Exposure Tests) our exclusive system was rated at “5 years” without change per AMAA 2604-05 specification.

How good is LIQ Fusion 7000 FBE™ & EXT Fusion 5000 FBE™ + EXT Fusion SDP™?

- The proprietary formulations are unmatched
- The factory application processes are unmatched
- The field performance is unmatched

The Unmatched Performance of Tank Connection's FBE System!



Specification & System Performance: LIQ Fusion 7000 FBE™

Applications: Potable water, wastewater, municipal treatment, fire protection, industrial liquids, sour crude, petroleum products, sewage treatment, brines and industrial waste

Film Thickness: 7-9 mils

pH Range: 2-14

NSF Certified: NSF 61 for potable water

Factory Holiday Free - per ASTM D5162 Method A

Mechanical Testing:

Adhesion:	ASTM D3359	100%
Hardness:	ASTM D3363	2H
Impact:	ASTM D2794	160/160
Flexibility:	ASTM D552	1/8"
Salt Spray:	ASTM B117	Passes 9000 hours

Resistant Characteristics:

- Corrosion resistant
- Abrasion resistant
- Chip & scrape resistant
- Heat resistance - Water @ 200°F, Dry @ 300°F
- Chemical resistance - No change @ 11,500 hours (one year equates to 8,760 hours)

- Deionized Water
- Salt Water
- Potable Water
- Wastewater
- Ammonium Nitrate 10% & 30%
- Ammonium Sulphate 10% & 30%
- Sodium Sulphate 15%
- Urea 15%
- Sodium Chloride 10%
- Light Mineral Oil
- Benzene
- Toluene
- Gasoline
- Phosphoric Acid
- Cotton Oil
- Vegetable Oil
- Ethylene Glycol



The Unmatched Performance of Tank Connection's Fusion FBE™ System

At Tank Connection, we rightfully claim the premier powder coat system for bolted storage tanks worldwide. Our proprietary system and controlled station processes are unmatched by any other bolted tank manufacturer.

Tank Connection's state-of-the-art powder coat technology is the only powder coat line "certified" by Akzo Nobel for bolted storage tanks. Akzo Nobel is the largest powder coat supplier worldwide.

Comparative Data: Potable Water Storage

INTERIOR LININGS:

Construction	Linings	Mils	Standard Warranty	System Performance
Bolted RTP	LIQ Fusion 7000 FBE	7-9	5 Years	rated @ 10
FP (Flat Panel)	Porcelain Enamel (glass)	7-10	1 Year	rated @ 8
API 12B	Epoxy Powder	5	1 Year	rated @ 4

EXTERIOR LININGS:

Construction	Prime	Topcoat	Mils	Standard Warranty	System Performance
Bolted RTP	EXT Fusion 5000 FBE*	SDP**	6-10	3 years	rated @ 10
FP (flat panel)	Porcelain Enamel (glass)	7-10	7-10	1 year	rated @ 8
API 12B	Epoxy Powder	Polyurethane (liquid)	4-5	1 year	rated @ 6

* FBE – Fusion Bond Epoxy Powder

** SDP – Super Durable Polyester Powder

System performance ratings: Best-10; Very Good-8; Good-6; Average-4; Poor-2

Liquid Tank Storage & Process Applications – Visit us at www.liquidtanks.com

Aeration tanks
 Anaerobic digester
 Aerobic digester
 Brine water
 Brackish water
 Chemicals
 Clarifiers
 Crude oil
 Deionized water
 Demineralized water
 Desalinated water
 Filter tanks
 Fire protection water
 Industrial process water

Industrial liquids
 Industrial effluent
 Municipal sludge treatment
 Municipal potable water
 Leachate storage
 Petroleum
 Potable water
 Process water
 Primary treatment
 Raw water
 Slurry tanks
 Settling tanks
 Secondary treatment
 Sludge dewatering

Stormwater run-off
 Trickling filters
 Ultrapure water
 Wastewater treatment



The FUSION BOND System Advantage

Tank Connection offers the best water containment systems available. TC's proprietary LIQ Fusion 7000 FBE™ coating systems is NSF-61 approved and is unmatched in performance compared to all bolted tank linings. LIQ Fusion 7000 FBE™ is a stronger system than "porcelain enamel/glass" for potable water and wastewater storage applications.

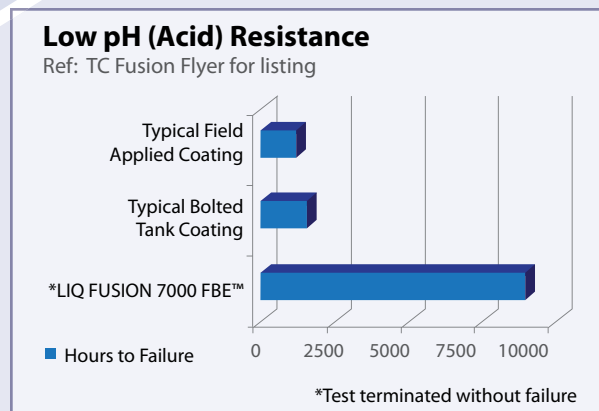
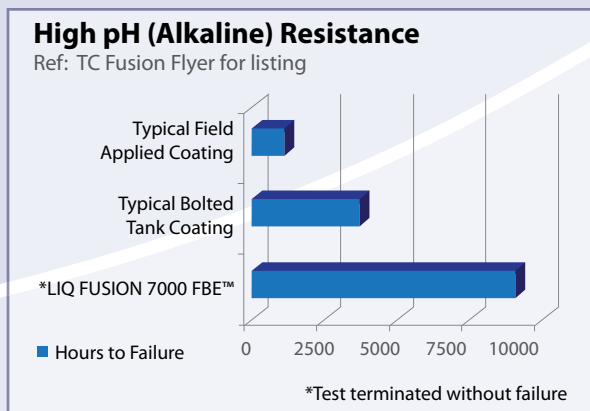
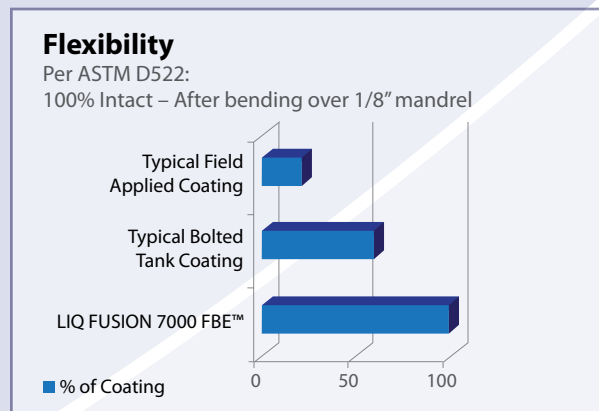
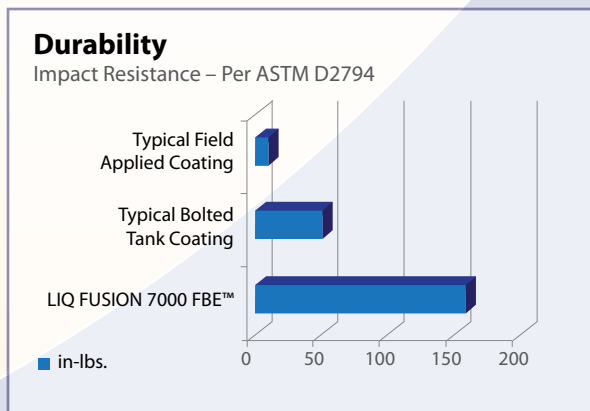
Get the facts on liquid storage at one of our websites. Download our "quick specs" at www.liquidtanks.com for ground reservoirs, elevated water tanks and for all types of steel tank construction.

The FUSION BOND EPOXY (FBE) Advantage over Glass:

- Does not spall or crack . . . two inherent characteristics of glass lined coatings.
- Holiday free lining – LIQ Fusion 7000 FBE™ is fusion bonded to substrate surface.
- Electrostatic applied "powder-on-powder" system provides complete wrap-around on panel edges and in bolt-holes, a major deficiency in glass lined coatings.
- All internal tank components are coated with LIQ Fusion FBE™, unlike glass tanks which utilize galvanized internal tank components.
- Fusion FBE™ can be repaired in the field if damaged, unlike glass coatings which cannot be field repaired.
- Does not require cathodic protection, a requirement on glass lined tanks due to uncoated edges and bolt holes.

The FUSION BOND EPOXY (FBE) Advantage over API 12B coatings:

- LIQ Fusion FBE™ performance testing depicts superior performance over all coating systems offered for API 12B construction.
- LIQ Fusion FBE™ maintains a standard 5 year warranty in potable water storage. Competitor interior epoxy powder systems are offered with a 1 year standard warranty.
- EXT Fusion SDP™ is fused to substrate primer and cannot be scratched-off independent of base coat. (Liquid polyurethane topcoats can easily be scratched-off of base prime coat.)
- EXT Fusion SDP™ (super durable polyester) exterior topcoat maintains a 3 year standard warranty versus competitor systems offered with a 1 year standard warranty.

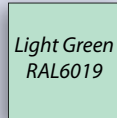


And it is all available in bolted tank construction...shipped worldwide!

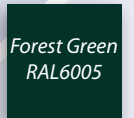


- Chemical Wash, Rinse & Dry
- SSPC - SP10 Blast (Steel Shot Media)
- Interior LIQ Fusion 7000 FBE™ Application
- Initial Coating Cure @ 350° F
- Infrared Convection
- Exterior EXT Fusion 5000 SDP™
- Oven Crosslink Cure @ 400° F
- Testing & Final Inspection

Standard Colors:



Premium Colors:



The colors shown are printed approximations. The exact color can be viewed using RAL standard color samples.

Get Connected with the Engineer's 1st Choice in Liquid Storage Containment!



Tank Connection, LLC
www.tankconnection.com
 3609 North 16th • Parsons, Kansas 67357
 Phone: 620.423.3010 • Fax: 620.423.3999