

# EFI-SOLUTIONS FLUID FACTS



## *EFI SOLUTIONS CONTINUE!*

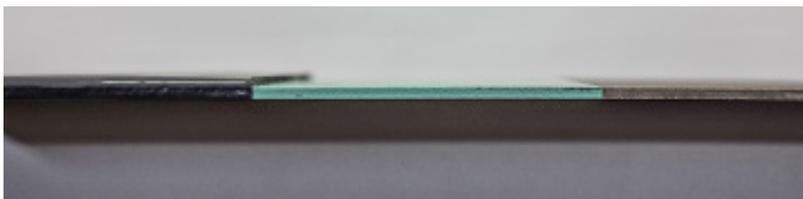
Since conception, EFI has led the industry in the highest levels of quality and ingenuity, providing customers with the best custom packaged equipment. EFI now introduces its newest innovation to the industry, improving the deck/floor surface of their equipment.

Elastomeric polyurea floor coating is now offered and considered an EFI standard. This two-component finish is best recognized as the popular sprayed-on bed liner on many newer pick-up trucks. Better yet, the formula EFI applies to their steel floors is 3 1/2 times stronger than those found in truck beds and is applied at 100-125 mils. It is NSF61 approved for potable water applications and FDA-certified for Incidental Food Contact.

The advantages of coating the steel floors of EFI's products are numerous. Besides being resistant to corrosion, impacts, chemical spills, abrasion, extreme temperature fluctuations, and high humidity; the surface is slightly textured to reduce the chance of slipping. EFI is pleased to offer a product with this durability, protection, resilience, and strength.

- ◆ Protects Against Corrosion
- ◆ Slip Resistant
- ◆ Damage Resistant

- ◆ Endures High Humidity
- ◆ Extreme Temperature Change Tolerant
- ◆ Absorbs Impact



1. This photograph compares (from left to right) 100-125 mils of EFI new spray-on epoxy, 8 mils of traditional epoxy, and raw steel.



2. Factory trained material applicator applying EFI spray-on coating to a skid station for Westmoreland, PA.



3. Factory trained material applicators, applying EFI spray-on coating to a skid station for Westmoreland, PA.

## SPECIFICATION

This product is a two-component aromatic polyurea spray elastomer, zero VOC, and **100%** solid. Formulated with EFI customers in mind, this spray-on coating is built for chemical resistance and moisture protection. An ideal fit for any EFI station destination.

The physical properties of the coating have been scrutinized by independent, third-party, material test laboratories. Listed below are some of the tests the materials go through to ensure extraordinary performance:

*The* actual process is similar to other coatings EFI has used over the years. The application of the polyurea is performed after the equipment goes through EFI's standard paint process. The steel is blasted then painted with our standard two-part epoxy coating. Once cured, the polyurea is applied over the top of the epoxy. EFI's spray-on coating is applied to the entire deck of the skidded equipment including above grade buildings. Below grade capsules the floor is surfaced to approximately 12" up the walls with this coating.

Test Names	Test Methods	Value
Dielectric Const.	ASTM D150	3.6
Volume Resistance	ASTM D257	2.3X10 <sup>14</sup> ohm cm
Elongation	ASTM D412	162%
Tear Strength	ASTM D624	783 PLI
Tensile Strength	ASTM D412	3,432 PSI
Flexural Strength	ASTM D790	2,630 PSI
Hardness Shore D	ASTM D2240	60±1
Dissipation Factor	ASTM D150	0.031
DMA Test	ASTM D4065	-28 Celsius
Flexural Modulus	ASTM D790	0.056 MSI



4. The coated base of an EFI station for Chattanooga, TN.