



SHIELD LINER

HYBRID POLYUREA STA2020FS FAST SET

TECHNICAL DATA

Property	Value
Hardness, Shore A	95
Hardness, Shore D	50
Tensile Strength	3,500 PSI
Elongation	220%
Tear Strength	320 PLI
Abrasion Resistance (CS17 wheel, 1000g, 1000 cycles)	20 mg loss
Gel Time	6 SEC
Cure to Touch	20 SEC
Recoat Window	2 Hrs

CONTACT

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DESCRIPTION

Shield liner STA2020SF is a fast set, spray applied using a high pressure, plural component spray unit at a 1:1 mix. The coating is 100% solids and contains zero VOCs.

This versatile coating is ideal for a multitude of applications such as truckbeds, wood, concrete, and steel with maximum adhesion properties and the ability to withstand the most extreme conditions due to its advanced formulation and high chemical properties.

The fast set formulation is designed to have ideal spray characteristics and a uniform texture with a "finer" texture look.

APPLICATION

STA2020FS should be applied through a plural component, high pressure, heated proportioning unit. Desired temperature is 140-160 degrees and spray pressure on the unit should be set at no less than 2000 PSI at a 1:1 ratio between the A and B materials. If the machine is not spraying on ratio and further assistance is needed, please call your Shield Representative for troubleshooting.

FEATURES

STA2020FS formulation demonstrates a superior resistance to tearing while still having the ability to maintain a proper elongation that is desired from a quick cure protective coating. This makes the material expand and contract without delamination failures and is proven to add structural integrity to the substrate.

STA2020FS provides a 100% solid waterproof membrane that is extremely puncture resistant and can withstand long lasting abuse from roughest abrasive situations.

STA2020FS chemical design allows the product to "creep" into micro-crevices of the substrate and achieve maximum adhesion.