

QWIK SPRAY LINING SYSTEM

■ Description

VFI-544 is a 100% solids, two component, Qwik Spray applied, polyurea hybrid coating.

■ Usage

VFI-544 is primarily used for lining of truck beds and repair of existing truck bed liners. Other uses include; lining of material handling equipment, water proofing

of structures, coating of urethane and extruded polystyrene foam insulation, protection of concrete from acids and alkaline materials, under coating of vehicles and as an anti-chip rocker panel coating.

■ Color

Standard color is Black. Contact your Volatile Free, Inc. representative for other colors.

Physical Properties

■ Chemical Resistance

Good resistance to inorganic bases, acids and hydrocarbon solvents. Fair resistance to oxygenated and chlorinated solvents. Good resistance to hot water up to 180°F.

■ Tensile

ASTM D-412
Strength: 2200 psi
Elongation: 160%
Permanent Set: 10% max.

■ Hardness

ASTM D-2240
Shore A 97
Shore D 53

■ Tear Resistance

ASTM D-624
Die C 350 pli

■ Abrasion Resistance

Excellent.

Liquid Component Properties

■ Solids

Weight: 100%
Volume: 100%

■ Viscosity

Poly Component:
650-800 cps @ 77°F.
Iso Component:
650-800 cps @ 77°F.

■ Density

Poly Component: 0.99
Iso Component: 1.12

■ V. O. C.

Conforms to all Air Pollution regulations. Contains no Volatile Organic Compounds.

■ Flash Point

ASTM D-56 (TCC)
Greater than 200°F

■ Toxicity

Iso component contains polymeric isocyanate requiring fresh air supply respirator, gloves, and protective clothing during application.

■ Storage Stability

6 months in unopened containers @ 50°F - 90°F.

Packaging

750 x 750 ml dual cartridges at six sets to a case.

Coverage

One case of six kits (750 x 750 ml) will cover 100 sq./ft. @ 38 mil thickness.

Application

Apply VFI-544 using a Qwik Spray pneumatic spray dual cartridge gun. Ensure that the compressed air source is dry, and can provide a constant pressure of 110 psi. Use the static mixer with the air atomizer tip supplied with your cartridges. With 110 psi inlet pressure, set fluid flow to maximum and airflow to the atomizer at 25 psi. Start spraying on a piece of cardboard or other disposable surface until an acceptable spray pattern is achieved. When a spray

pattern has been achieved, this should take 2-3 seconds; fan over to the object, working with even passes, building coats to desired thickness. Visually monitor material levels and cease coating work just prior to emptying cartridges to ensure that an even ratio of the material is applied to the surface. Cartridges should be approximately 77°F before using. VFI-544 can be textured with typical overspray techniques.

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