

## VFI®-2538 70 D EPS FORM HARD COAT

VFI-2538 70 D EPS Form Hard Coat is a spray applied, 100% solids, polyurethane coating. It is capable of being sprayed over CNC or hot wire foam cut EPS to create a uniform and releasable surface when casting concrete. A hard polyurethane shell is an alternative to pourable urethane molds or epoxy coatings and allows for faster turnaround times on custom pieces. The form hard coat is easily sandable but does not always require post work because it creates an extremely smooth finish. Its chemical makeup makes it capable of maintaining a smooth finish while providing square corners. Spraying VFI-2538 allows you to create a variety of shapes with less labor.

- Great for custom mold-making of a variety of shapes
- Flat, glass-like texture with reduced need for sanding
- Cures to handle in 5 minutes for faster mold turnaround time
- Saves time by eliminating the need to make a master and a mold box
- Comes in an alternative Qwik Spray version that does not need a plural component machine

Some usages of this product are to provide a hard shell for casting concrete and to replace existing fiberglass systems. Additionally, it works as a smooth, sandable, and paintable form for signs or small projects.

### PHYSICAL PROPERTIES

Hardness Shore D	70
Tensile Strength	5,500 psi
Elongation	20%
Tear Strength	545 pli
Elastic Modulus	26,450 psi
Impact Resistance (Falling Dart)	8 ft*lbs/in @ 40 mils

### LIQUID PROPERTIES

Solids by Weight	100%
Solids by Volume	100%
Liquid Density A Side	9.8 lbs/gal
Liquid Density B Side	8.4 lbs/gal
Mixed Liquid Density	9.1 lbs/gal
Specific Gravity A Side	1.18 g/mL
Specific Gravity B Side	1.01 g/mL
Specific Gravity Mixed	1.09 g/mL
Ratio by Volume (A:B)	1A:1B
Viscosity A Side	500 cps
Viscosity B Side	1,200 cps
Cure to Touch	80 seconds
Cure to Handle	5-7 minutes
Recoat Window	20 minutes

## MANUFACTURER OF HIGH PERFORMANCE POLYMERS

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## VFI®-2538 QS 70 D EPS FORM HARD COAT

VFI-2538 QS 70 D EPS Form Hard Coat is a 100% solids, polyurethane coating using the Qwik Spray System. It is capable of being sprayed over CNC or hot wire foam cut EPS to create a uniform and releasable surface when casting concrete. The Qwik Spray System only requires the VFI-7500 Qwik Spray Gun with an air compressor, allowing for easy equipment startup and low maintenance. It is an alternative to pourable urethane molds or epoxy coatings and allows for faster turnaround times on custom pieces. Its chemical makeup makes it capable of maintaining a smooth finish while providing square corners. Spraying VFI-2538 allows you to create a variety of shapes with less labor.

- Great for custom mold-making of a variety of shapes
- Flat, glass-like texture with reduced need for sanding
- Cures to handle in 5 minutes for faster mold turnaround time
- Saves time by eliminating the need to make a master and a mold box
- Comes in an alternative industrial-ready high-pressure spray system

Some usages of this product are to provide a hard shell for casting concrete and to replace existing fiberglass systems. Additionally, it works as a smooth, sandable, and paintable form for signs or small projects.

### PHYSICAL PROPERTIES

Hardness Shore D	70
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