

VFI Primers

VFI's family of primers has a broad variety of uses from general purpose primers to water based bonding primers for EPDM.

VFI primers have been tested and proven by the toughest industrial conditions. They are formulated to adhere to a wide range of surfaces including metals, masonry, organic polymers, wood and vitreous surfaces.

Choose the VFI Primer that is formulated for your specific application.

An additional benefit!

Your questions will be answered by one of our chemists or technicians. They're just a toll free phone call away.



VOLATILEFREE INC
MANUFACTURERS OF HIGH PERFORMANCE POLYMERS

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VFI Primers...see the difference. Try them today.

Choose the appropriate primer for your specific needs from our family of superior, industry tested primers.

Some of our most commonly used primers:

VFI-11 Primer is a two component, water based epoxy.

A general purpose primer which may also be used as masonry block filler. It adheres well to most metals, organic polymers, wood, masonry and vitreous surfaces. Usage in the food processing industry is approved for contact with dry food products. VFI-11 Primer meets the requirements of the U.S.

Department of Agriculture for incidental contact with meat and poultry products.

Color: Standard color is salmon.

Consistency: Part A is a slightly viscous liquid. Part B is a liquid. When combined, the result is a thixotropic primer.

VFI-12 Primer is a two component, solvent based epoxy.

A general purpose primer where outstanding adhesion is required. It adheres to most metals, organic polymers, wood masonry and vitreous surfaces.

VFI-12 Primer meets the requirements of the U.S. Department of Agriculture for incidental contact with meat and poultry products.

Color: Part A is white. Part B is clear. The combination is white.

Consistency: Part A is a thixotropic white liquid. Part B is a low viscosity fluid. When combined they become a low viscosity fluid with lacquer-like application and drying properties.

VFI-1003 Primer is a single component polyurethane containing micaceous iron oxide.

Intended for use as a primer to be applied directly to steel or concrete. It is also suitable for use as a tie coat when applied over elastometric coatings prior to recoating with another coating system.

Color: Red

Consistency: Low viscosity fluid, easily applied by brush, roller, or spray. Pigments settle to a soft, easily re-suspended condition.

VFI-1007 is an isocyanate, single component polyurethane primer.

Intended for use as a primer to be applied directly to concrete, wood, fiberglass and steel. It is also suitable for use as a tie coat when applied over elastomeric coatings prior to recoating with some other coating system.

Color: Transparent black

Consistency: 50 to 100 cps.

Substrate	Required Primer	Substrate	Required Primer
Concrete	*VFI-1007 and VFI-11	Silicone Coatings (Weathered)	VFI-1007
BUR	VFI-11 or VFI-1007	Silicone Coatings (Not Weathered)	Not recommended
Wood	*VFI-1007 and VFI-11	Acrylic coatings	VFI-11 or VFI-1007
Metal	VFI-11, VFI-12 or VFI-1003	Aluminum	VFI-11
Organic Polymers	VFI-1007 or VFI-1003	EPDM (Weathered)	VFI-1008
Vitreous Surfaces	VFI-11	Steel (Galvanized)	VFI-11, VFI-1003 or VFI-1007
Polyurethane Foam/EPS	Priming not required	Steel (Stainless)	Not recommended
P.V.C.	VFI-1005	Polypropylene	Not recommended
Previously Painted Surfaces	VFI-11 or VFI-1007	Polyethylene	Not recommended
Hypalon Rubber	VFI-1005	Geotextile	Priming not required
Urethane coatings	VFI-1007		



* Surface must be sealed with 1007 then primed with VFI-11 to ensure adhesion and eliminate pinholing and blisters.

Refer to VFI Data Sheets for specific physical properties.

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