



VersaFlex Incorporated
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Material Processing & Handling Information

Material: VT-40 Finish Coat

Material Type: Viton/PTFE Chemical Resistant Coating

Application: Primary and Secondary Containment

Application Process: Roller or Brush

Process Equipment:	Paint Roller	1/4" – 3/8" nap (generic)
	Paint Brush	Use brush compatible with oil based paints.
Process Temperature:	Ambient	
Solids Content:	40%	
Mix Ratio:	10:1	
Pot Life:	30 – 45 minutes	
Tack Free:	30 to 90 minutes depending on temperature and relative humidity.	
Light Traffic:	3 hours	
Full Cure:	7 days	

Mix Instructions: VT-40 is prepackaged in separate containers with adequate space in the primary container to accept the full contents of the catalyst container.

Pour entire contents from the catalyst container into the primary container. Using a slow speed drill and mixer (Jiffy Mixer preferably), mix contents together for 2 minutes, or until thoroughly mixed. Maintain that the mixer is completely submerged in the material of the container to minimize air entrainment.

If mixing partial batches, use graduated cylinder to measure 10 parts of resin to 1 part of catalyst. Using a slow speed drill and mixer (Jiffy Mixer preferably), mix contents together for 2 minutes, or until thoroughly mixed.

Special care should be taken to ensure little or no air is entrained into material during the mixing process.

MEK is recommended to be added to obtain stated pot life and assist in spreading the material. Approximate 10% of volume maximum.

Moisture Content: N/A

Application Temperature: 40°F and higher.

VT-40 must be used in temperatures higher than 40°F. Because **VT-40** is a solvent based coating system, temperatures above 100°F will reduce coating pot life during application.

Dew Point: Substrate temperature must be 5°F above dew point and rising before application of coating materials.

Surface Prep: Apply as a topcoat over LC-25. Surfaces to be coated shall be clean and dry.

Prior to the application of the lining system, metal substrates shall be prepared to an SSPC-SP 10 (Near White Metal Blast) to SSPC SP-5 (White Metal Blast). The blast profile shall be average of 3 to 5 mils. Use ASTM D4417-03: Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel for confirmation of profile.

Concrete substrates shall be prepared to an ICRI CSP of 3 to 5 before the complete polyurea basecoat system application is performed.

Application: **VT-40** is applied as a multi coat system. Exposure type will determine the final dry film thickness necessary. Consult **VersaFlex Incorporated** for specific recommendations.

Use a 1/4" to 3/8" nap roller depending on substrate profile. MEK is recommended to be added to obtain stated pot life and assist in spreading the material. Approximately 10% of total volume maximum

Cut-in of corners and hard to reach areas may be done with the use of a good quality enamel type brush.

Application Rates: Consult Application Chart. Apply at 80 to 160 square feet per gallon depending on chemical exposure.

Coverage Rates:	Coverage Sq. Ft. Gal	Wet Mils	Dry Mils
	160	10	4
	80	20	8

	Storage Temp.	Storage	Special Handling
VT-40:	50°F min. 70°F optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Keep containers closed and protected from atmospheric contamination.
CA-LC25/VT40:	50°F min. 70°F optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Keep containers closed and protected from atmospheric contamination.

Safety: Please consult product MSDS for full details.

Safety glasses, Rubber gloves, Protective clothing, Organic vapor or fresh air respirator.

Cleanup: Ketone based solvents; MEK or Acetone perform well.
