



PolyVers International
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Material Processing & Handling Information

Material: LC-25
Material Type: Chemical Resistant Primer
Application: Lock Coat (primer)
Application Process: Roller, Brush or Squeegee

Application Equipment:	Paint Roller	3/8" nap (generic)
	Paint Brush	Use brush compatible with enamel based paints.
Process Temperature:	Ambient	
Solids Content:	25%	
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: LC-25 is prepackaged in separate containers with adequate space in the primary container to accept the full contents of from the catalyst container.

Pour entire contents from the catalyst container into the primary container. Using a drill and mixer (Jiffy Mixer preferably), mix contents together for 2 minutes, or until thoroughly mixed.

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

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

Moisture Content: N/A

Application Temperature: 40°F and higher.

LC-25 must be used in temperatures higher than 40°F. Because **LC-25** is a solvent based coating system, temperatures above 100°F will reduce coating wet time during application.

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

Surface Prep: Surfaces to be coated must be clean and dry.

Application: **LC-25** is applied as a single coat primer system directly over **PolyVers** polyurea coating materials. To achieve maximum adhesion, **LC-25** should be applied to coating within 4 hours of application.

Use 3/8" nap roller. Apply **LC-25** as thin as possible while maintaining a consistent coating thickness. Special care should be taken to avoid excess wet film thickness.

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

Application Rates: 4 to 6 wet mils per application (200 square feet per gallon) Maximum overcoat time: None (surface must be clean and dry) Allow **LC-25 Lock Coat** to cure for 30 to 90 minutes prior to application of VT-40 Finish Coat.

Recoat Window: Application of **LC-25** to Polyurea base coat must be completed within 4 hours. No recoat limit on subsequent coats of **LC-25** or VT-40 provided surface is clean and dry.

Coverage Rates:	Coverage Sq. Ft. Gal	Wet Mils	Dry Mils
	400	4	1
	267	6	1.5
	200	8	2
	160	10	2.5
	134	12	3

	Storage Temp.	Storage	Special Handling
LC-25	40°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.
