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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 oil 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 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 air is not entrained into material during the mixing process. Do not reduce material with solvents.

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 **VersaFlex** polyurea coating materials. To achieve maximum adhesion, **LC-25** should be applied to coating within 24 hours of application.

Use 3/8" nap roller. Apply **LC-25** maintaining a consistent coating 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. 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 should be completed within 24 hours of application. 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 |

| | Storage Temp. | Storage | Special Handling |
|---------------------|---------------------------|--|--|
| LC-25 | 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.
