



125LV-LT LOW TEMP CURE LINING



PRODUCT INFORMATION BULLETIN

DESCRIPTION

Enviroline® 125LV-LT is a low temperature cure version of Enviroline 125LV specifically designed to cure at temperatures down to 20°F (-7°C) and provide resistance to a wide range of chemicals and solvents. **Enviroline 125LV-LT** also meets AWWA Standard C-210-03 performance requirements.

TYPICAL USE

Internal lining for steel and concrete storage tanks, flooring and secondary containment areas, and as an external lining for buried pipeline. Acceptable for incidental food contact in USDA inspected facilities. Post addition of Enviroline ARA additive recommended in areas requiring increased abrasion resistance.

BENEFITS

- Gasoline and gasohol resistance
- Excellent adhesion
- Excellent impact & abrasion resistance
- Economical
- Ultra low VOC
- Single coat application (20-30 mils)
- USDA incidental food contact

LIMITATIONS OF USE

See Enviroline Chemical Immersion Resistance Guide for exposure requirements or consult your Enviroline representative.

TECHNICAL DATA

Weight (lbs/gal): 11.37
Volume Solids: 97 ± 2%
Color(s): Green
Flash Point: 150°F
Hardness (Shore D min.): 75

Pot Life (@77°F): 20 minutes
Pot Life (@100°F): 10 minutes
VOC (mixed lbs/gal): 0.40 maximum
VOC (mixed g/l): 48 maximum
Recommended Thickness: (floors) 20-40 mils DFT
(walls) 12-16 mils DFT

Temperature Resistance:

Non-Immersion, Dry Heat: 250°F (121°C)

Continuous immersion temperature resistance is dependent on particular reagent exposure. See Enviroline Chemical Immersion Resistance Guide or consult Enviroline representative.

COVERAGE

Theoretical Coverage*: 1555 sq. ft per gallon @ 1 mil dry
@ 12 mils: 129 sq. ft per gallon
@ 20 mils: 77 sq. ft per gallon
@ 40 mils: 38 sq. ft. per gallon

**When ordering product, make allowances for any loss due to overspray, surface irregularities, etc. (approx. 15 – 20%).*

DRY & CURE SCHEDULE

Drying schedule at temperatures indicated and 50% relative humidity:

	20°F	35°F	55°F
Touch Dry	10 hours	10 hours	8 hours
Dry Hard	18 hours	16 hours	12 hours
Minimum Recoat	18 hours	12 hours	10 hours
Maximum Recoat	48 hours	40 hours	18 hours
Cure	8 days	6 days	3 days

Post Curing: It is not necessary for most applications, but **Enviroline 125LV-LT** may be post cured to expedite curing or increase chemical resistance for extremely aggressive environments. Post cure for a minimum of 2 hours at 250°F or 6-8 hours at 150°F for maximum resistance. Consult Enviroline Technical Services Department for specific application information and cure requirements.

SURFACE PREPARATION

All surfaces must be clean and dry, free of dust, dirt, oil or other foreign matter. Steel surfaces shall be abrasive blasted to SSPC SP-5/Nace No. 1 White Metal finish with a minimum 3 mil angular profile for best results. Concrete shall be abrasive blasted or etched with 10% muriatic acid. Use of a penetrating epoxy primer recommended for concrete. See Enviroline Technical Services Department for additional information.

APPLICATION EQUIPMENT

Airless spray equipment (GRACO 56:1 or higher recommended) may be used if the pot life is carefully monitored. Remove suction tube and place lower assembly in 5 gal. pail. For the first 50 ft., hoses should be 1/2" ID minimum (no longer than 150ft.), ending with a 10 ft. 3/8" whip hose. A reversible tip (.029 - .035) is suggested. Pressure at the pump should be 100 psi or maximum recommended by equipment manufacturer. Teflon type packings recommended and are available from the pump manufacturer. Keep in mind that airless spray application requires stopping periodically to flush the lines with methyl ethyl ketone (MEK) or methyl isobutyl ketone (MIBK).

