LIC
OBRANDO
INDUSTRIAL FINISHES

LICP300 - Epoxy Primer Anti-Corrosive – Buff

GENERAL INFORMATION

LICP300 is a two-pack modified amine-cured epoxy primer formulated for extreme environments. LICP300 delivers excellent adhesion, water and chemical resistance combined with extreme corrosion protection.

1. COMPONENTS

• LICP300	Epoxy Primer Anti-Corrosive - Buff
• EKP300	Epoxy Primer Activator
• X01	Reducer Fast Low VOC
• X02	Reducer Medium Low VOC
• 171	Reducer Fast
• 172	Reducer Medium
• 173	Reducer Slow
• 174	Reducer Very Slow
• 171HP	Reducer High Performance Fast
• 172HP	Reducer High Performance Medium
• 173HP	Reducer High Performance Slow
• 174HP	Reducer High Performance Very Slow
• LICR70	Multi-Purpose Reducer - Fast
• LICR80	Multi-Purpose Reducer - Medium
• LICR90	Multi-Purpose Reducer - Slow

2. MIXING RATIO (20:1 by volume)

- Mix 20 parts LICP300 to one (1) part EKP300 Activator
- May be reduced up to 10% by volume with reducers listed above

USA VOC compliant rules:

- For 3.5 VOC compliance use Low VOC Reducers X01 or X02
- For VOC US National Rule use other reducers listed above

3. POT LIFE @ 77°F (25°C)

- Four (4) to six (6) hours

4. CLEAN UP

- Use Valspar Refinish Reducers listed above (check local regulations)

5. ADDITIVES

- N/A

6. SURFACE PREPARATION

PREVIOUSLY PAINTED

- Wash surface with mild detergent and water
- Rinse and dry surface
- Sand and featheredge with P180-P320
- Wipe surface with 155 or 170 Aqua Clean and wipe dry with clean cloth before product flashes

BARE STEEL, ALUMINUM

- Ensure surfaces are clean, dry and free from dirt, grease and other contamination
- Sand/Media Blast clean or sand with P80-P120

NOTE: Coat within one hour after surface preparation for optimal performance.

7. TOPCOATS

- N/A

8. TECH NOTES

- N/A

9. SUBSTRATES

- Properly prepared Steel, Aluminum

10. APPLICATION

- Spray one (1) to three (3) medium wet coats (1.0-3.0 mils 25 - 75 µm)
- Allow 5-10 minutes between coats or until surface has dulled to a matte finish
- Surface temperature should be 50-100°F (10-38°C) with less than 80% humidity preferred
- Spray application using air spray, airless or air assisted airless application equipment

11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash Time	5-10 Minutes
Print Free Time	1-3 Hours (DFT dependent)
To Topcoat	30 Minutes
To Topcoat Without Sanding	48 Hours Maximum

12. INFRARED CURE

- N/A

13. GUN SET UP

CONVENTIONAL GUN

Nozzle	1.5-1.9 mm
Air Cap	1.5-1.9 mm
Inlet Air Pressure	25-45 psi (1.7-3.1 bar)

AIRLESS / AIR ASSISTED AIRLESS GUN

Tip Size	0.13" - 0.17"
Inlet Air Pressure	900 - 1200 psi (60-80 bar)
Atomizing Air Pressure	55-65 psi (3.8-4.5 bar)

14. PHYSICAL DATA

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14. PHYSICAL DATA (continued)

FOR USA (National Rule/3.5 LBS./GAL Compliance)

RTS REGULATORY DATA	20:1:0-10% (170, 170HP or LIC Series Reducers)		20:1:0-10% (X01, X02 Low VOC Reducers	
	LBS./ GAL.	g/L	LBS./ GAL.	g/L
Actual VOC	2.8 Max.	335 Max.	1.9 Max.	227 Max.
Regulatory VOC (less water and exempt solvents)	4.6 Max.	550 Max.	3.5 Max.	420 Max.
Density	9 - 12	1080 - 1440	9 - 12	1080 - 1440
	WT.%	VOL.%	WT.%	VOL. %
Total Solids Content	45 - 50	27 - 32	45 - 50	27 - 32
Total Volatile Content	50 - 55	68 - 73	50 - 55	68 - 73
Water Content	0	0	0	0
Exempt Compound Content	27 - 32	34 - 39	33 - 38	41 - 46
Coating Category	Primer Surfacer/Sealer			

NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.

FOR REST-OF-WORLD (outside US and Canada):

RTS REGULATORY DATA	20:1:0-10% (170, 170HP or LIC Series Reducers)	
	LBS./GAL.	g/L
VOC	6.0 Max.	720 Max.
Density	9 - 12	1080 - 1440
	WT.%	VOL.%
Total Solids Content	45 - 50	27 - 32
Total Volatile Content	50 - 55	68 - 73
Water	0	0
Coating Category	Primer Surfacer/Sealer	

NOTES

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