

Technical Data Sheet

LIC43 – LIC Low Gloss Polyurethane Enamel

FOR PROFESSIONAL USE ONLY

28-Jul-11



GENERAL INFORMATION

LIC 43 is a general purpose polyurethane enamel formulated to give outstanding gloss, depth, chemical resistance, and durability for use where a lower gloss level is required.

Mix LIC formulas using LIC43 binder yields products with a 60° gloss reading of 0 – 20%.



1. COMPONENTS

- LIC43 Low Gloss Polyurethane Enamel Colour
- LK40 Polyurethane LIC Activator
- 171-174 Uni Reducers



2. MIXING RATIO

- LIC43 Polyurethane Enamel must be activated.
- Mix 4 parts LIC43 Base Colour to one (1) part LK40 Activator.
- Use unreduced for brush, roll, or airless spray.
- Conventional spraying, reduce 25% with Valspar Uni Reducer (171-174).



3. POTLIFE at 25°C

- 2½ - 3hours



4. CLEAN UP

- Valspar Multi Purpose Thinner



5. SURFACE PREPARATION

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.

- Abrade with P320 grit dry sandpaper or equivalent.
- Wipe with AquaClean 170.
- For best results apply anti-corrosive primer such as LIC P Series epoxy primer.



6. SUBSTRATES

- LIC Epoxy Primer
- Non-reversible existing finishes in good



condition.

- Properly prepared steel and aluminum

7. APPLICATION

- Apply one light coat. Allow a flash off for 20 minutes.
- Then apply 2 medium wet coats allowing a flash off of 10-15 minutes between the coats.
- LIC43 can also be applied with a roller or brush, don't use any thinners in this case.



8. FLASH / DRY TIMES AIR DRY at 25°C

- Tack Free 1 Hours
- Masking 4 Hours
- To Recoat 16 Hours



9. GUN SET UP HVLP

- Gravity Feed 1.3 – 1.5 mm.
- Airless 0.13" – 0.17" depending on the pressure and conditions.



10. AIR PRESSURES

- HVLP Inlet at 2 Bar



11. PHYSICAL DATA

- VOC 420 g/L
- Volume Solids 54% (Average)
- Theoretical coverage 20.4 M² RTS at 25 micron, depending on the colour.
- Flashpoint: 8°C