



ELECTON 40AC

ELECTRICALLY CONDUCTIVE, FLEXIBLE, ACRYLIC LACQUER.

- * **LOW TEMPERATURE CURING**
- * **HIGH ELECTRICALLY CONDUCTIVE**
- * **FLEXIBLE AFTER CURING**
- * **FOR SERVICE APPLICATION, EASY TO USE**

GENERAL DESCRIPTIONS:

ELECTON 40AC is single component, electrically conductive, silver filled lacquer. This lacquer is especially prepared for fast repairing and service application. This is short time, and very low temperature curing formulation.

ELECTON 40AC has high and stable electrical conductivity. Is easy to use, especially by brush or stick.

SPECIFICATIONS:

Number of components	One
Consistency	Floable fluid
Color	Bright silver
Percentage of silver (inside ready paste)	70 ± 1%
Specific gravity	2.5 – 2.7 g/cm ³
Viscosity	42 000 – 45 000 cps (*)
Recommended curing schedule with air-circulated oven	60°C – (50 – 60) min. 100°C – (10 – 20) min.
Curing with IR tunnel oven	8 – 15 min. <i>total time with (80 – 100)°C in peak.</i>
Electrical resistivity	(1.0 – 1.2) x E(-5) Ωm (1.0-1.2E(-3) Ωcm)
Shelf life	6 months (when storage at 10°C – unopened)

(*) - Brookfield DVII; SPDL#4; 1 rpm; 25°C.

ATTENTION:

1. Product is ready for use, but should be mixed very thoroughly before use using wood or plastic spatula. Mix smoothly from the bottom of the container. Mix carefully - not to whip air into the product. ***INSURE ELECTON 40AC IS AT ROOM TEMPERATURE WHEN YOU WILL START WORKING WITH.***
2. Prepare consistency before use according your SPECIFICATION.
3. If you need, use AXMC **TH # 40AC** thinner. Thinner will change paste resistivity. Pls, do not exceed 1% of weight. After first tests pls let us know about your viscosity requirements – we will be able to change it for you.
4. Keep container closed. If open, thinner will evaporate very quickly.
5. Low conductivity and poor adhesion performance are symptomatic that paste is under curing conditions.
6. Refrigeration during shelf time is useful. Keep container with lacquer in temp. no less 10 C. Before use, increase paste temperature very slowly.
7. Use paste with adequate ventilation.
8. Avoid skin and eye contact. If ingested, consult a physician immediately.
9. Clean by acetone or other suitable solvents.

This information is based on data and tests believed to be accurate. **AMEPOX MC** makes no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with the use or inability to use this product.

(el-40ac)