ConinsPune

GLOBAL QUALITY THROUGH
INDIGENOUS TECHNOLOGY

ISO 9001-2008 ● C-DOT Approve ● Mil-Standard Mil-I-46058C Type AR ● RoHs Compliances

ACRYLCOAT LACQUER

HOW TO APPLY BY DIPING METHOD

ALQ – 30, ALQ – 60, ALQ – 100 AND SKR -70

* CONINS ACRYLCOAT LACQUER COMES IN DIFFERENT VISCOSITY In 1 ltr. , 5 ltr , 25 ltr. Cans.
* It can be applied by BRUSH which should be smooth as used for acrylic painting.
* Take the quantity required in a bowl direct from the can (no mixing of any thinner)
* 12.5 mm or 25 mm width brush. (Painting Brush No. 8 /10/12)
* Prepare the PCB assembly horizontally on table Up side top where you want to coat .
* Dip the brush in Acrylcoat bowl take ample quantity& apply gently the on PCB assembly from right to left or vise a versa in one direction only, let the lacquer spread uniformly on surface , see that all the parts are get covered while applying
* Do not repeat on coated part after 2-3 min. of coating unless required second coat.
* Let coated surface get air dry for 5 to 15 min. touch to DRY as per viscosity model.
* Avoid flames and sparks near by process area.
* Check under UV lamp that all part is coated not portion or point left.
* You ay coat other side only after touch to dry time.
* Continuity test after coating to be done only after 4-6 Hrs

Many of the PCB assemblies required total coating at all sides and any part should not be open to atmosphere then dipping method is applied.

* Take the Acrylcoat lacquer in a container having required depth size as per PCB Assembly.
* Pour the Acrylcoat in the container,
* Cover the points or potion of connectors Which you do not need to coat by Teflon tape. take care the connectors and contact points will not get coated .
* Avoid flames and sparks nearby process.
* Dip the PCB Assembly in the container slowly keep it for at least 30 sec to 45 sec. and Take it out, let the excess Acrylcoat drain out in the container, then ha nd the board till it get touch to dry, for faster drying adopt the Pre heat and post heat procedure.
* Continuity test after coating to be done only after 8 -10 Hrs
  Cover the container after each dipping of PCB Assembly.
  Also after the finish of work take out the remaining Acrylcoat in different container.
  As this will be more thicker than required one. We will provide the solvent and inform the proportion of mixing case to case basis.

Pre Heat & Post Heat procedure

For bulk production the drying time required to be short / less Then follow the procedure as below

* Pre heat the tested ok PCB assembly for 1 min. @ 50deg C Immediately apply the coating
* Post heating again heats the coated PCB for@ 50 deg C for1-2 min. for faster drying (touch to dry) If required
* Proceed for further assembly. (Test after 4 hrs of coating)
* For preheat & post heating drying process use of Hot Air blower or Oven or 100 watt bulb cavity can be arrange but it should be open type to let vapor the solvents go in AIR.
  Test the PCB assembly after 4 -12 hrs of coating