

ALK-300E

Low VOC Acrylic Modified Alkyd Enamel

Reduction

If temperature is greater than 70°F / 21°C, reduce with Q30.
Warm weather may require the addition of 1-2% Butyl Carbitol (Q154).

If temperature is less than 70°F / 21°C, reduce with Q30.
For electrostatic application, reduce with TBA* (GXS63461) 35-40% to 30-40" #2 EZ Zahn.
Non-exempt solvents - Q50, Q160, Q70, etc. will raise VOC. To maintain VOC, use Q30.
Add 10-20 fluid ounces of ALK 31 per **PAIL** to enhance cure.

Use of Fine Finish tip in airless / air-assisted airless can provide superior atomization and better finish.
* TBA (GXS63461) is considered VOC exempt in most jurisdictions.

Conventional - Reduce 12-17%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Atomization Pressure (PSI)	Fluid Nozzle
Cup Gun	35-50" #2 EZ Zahn	N/A	40 – 50	1.4mm-1.8mm
Pressure Pot	45-60" #2 EZ Zahn	20 – 25	40 – 50	1.4mm-1.8mm

HVLP- Reduce 12-17%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Atomization Pressure (PSI)	Fluid Nozzle
Cup Gun	35-50" #2 EZ Zahn	N/A	40 – 50**	1.4mm-1.8mm

**atomization pressure should read <10 psi at the cap

Air-Assisted Airless - Reduce 10-15%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Atomization Pressure (PSI)	Tip
AA	55-70" #2 EZ Zahn	900 – 1300	20 – 40	0.011 – 0.016

Airless – Reduce 7-12%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Tip
Airless	70-85" #2 EZ Zahn	1500 – 2400	0.011 – 0.016