

NLP-series Non-VOC Compliant Fast Dry Alkyd Non-Lift Primer

Reduction

If temperature is greater than 70°F / 21°C, reduce with Q160.

If temperature is less than 70°F / 21°C, reduce with Q50.

For electrostatic application, reduce with Q70.

Non-exempt solvents - Q50, Q160, Q70, etc. will raise VOC. To maintain VOC, use Q30.

Use of Fine Finish tip in airless / air-assisted airless can provide superior atomization and better finish.

Conventional - Reduce 10-15%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Atomization Pressure (PSI)	Fluid Nozzle
Cup Gun	20 – 40" #2 EZ Zahn	N/A	40 – 50	1.4mm – 1.8mm
Pressure Pot	30 – 45" #2 EZ Zahn	20 – 25	40 – 50	1.4mm – 1.8mm

HVLP - Reduce 10-15%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Atomization Pressure (PSI)	Fluid Nozzle
Cup Gun	25 – 40" #2 EZ Zahn	N/A	40 – 50**	1.4mm – 1.8mm

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

Air-Assisted Airless - Reduce 5-10%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Atomization Pressure (PSI)	Tip
AA	40 – 60" #2 EZ Zahn	900 – 1300	20 – 40	0.011 – 0.014

Airless – Reduce 0-5%

Equipment	Spray Viscosity	Fluid Pressure (PSI)	Tip
Airless	18 - 25" #3 EZ Zahn	1500 – 2400	0.011 – 0.016