

AUE-380WHT DTM Polyester Urethane White Base

Application Guide

Reduction for QT380HW

If temperature is greater than 70°F / 21°C, reduce with Q160. If temperature is less than 70°F / 21°C, reduce with Q50. 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 20-30%

| 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 |
| Pressure Pot | 30 – 45" #2 EZ Zahn | 20 – 25 | 40 – 50 | 1.4mm – 1.8mm |

HVLP - Reduce 20-30%

| 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 15-20%

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

Airless – Reduce 5-15%

| Equipment | Spray Viscosity | Fluid Pressure (PSI) | Тір |
|-----------|------------------------|-------------------------|---------------|
| Airless | 45 – 80" #2 EZ Zahn | 1500 – 2200 | 0.011 – 0.014 |

