



# Reducer and Retarder Usage Chart

Solvent	Solvent Name	Use When Conditions Are	For Use In	Evaporation Rate (butyl acetate = 1.0)
<b>REDUCERS</b>				
VC16936	100% Acetone	Cool	Low VOC Acid Cure, CAB, NC	6.30 Very Fast Rate
MLCPS1	PU Fast Reducer	Cool	2K Solvent Based Urethane	4.30 Fast Rate
C18936	Fast Lacquer Thinner	Cool	Acid Cure, CAB, NC	2.60 Fast Rate
MLCPS3	PU Medium Reducer	Cool/Moderate	2K Solvent Based Urethane	2.00 Medium Rate
C160-36	Standard Lacquer Thinner	Moderate	Acid Cure, CAB, NC	1.64 Medium Rate
C14036	Butyl Acetate	Moderate/Warm	Acid Cure, CAB, NC, 2K Solvent Based Urethane	1.00 Neutral
C162-1	Care Reducer	Moderate/Warm	Acid Cure, CAB, NC	0.75 Slow/Medium Rate
<b>RETARDERS</b>				
VC1671	Slow Retarder VOC Exempt	Warm/Humid	Low VOC Acid Cure, CAB, NC	1.98 Medium Rate
C161-1	Care Retarder	Warm/Humid	Acid Cure, CAB, NC	0.66 Slow Rate
C162	Flow Enhancer #1	Hot/Dry Hot/Tropical	Acid Cure, CAB, NC	0.48 Slow Rate
MLCPS5	PU Slow Retarder	Hot/Tropical	2K Solvent Based Urethane	0.45 Slow Rate
C163	Flow Enhancer #2	Hot/Dry Hot/Tropical	Acid Cure, CAB, NC	0.31 Slow Rate
MLCPS7	PU Super Slow Retarder	Hot/Tropical	2K Solvent Based Urethane	0.28 Super Slow Rate
WR5024	Aquastar WB Flow Additive	Warm/Hot	Waterborne	0.09 Super Slow Rate
C163-36	BC Retarder	Hot/Tropical	Acid Cure, CAB, NC	0.08 Super Slow Rate

THESE RECOMMENDATIONS ARE BASED ON 50% HUMIDITY LEVELS. WHEN HUMIDITY LEVELS ARE ABOVE 50%, YOU MAY NEED TO CHOOSE A SLOWER REDUCER/RETARDER FOR BEST RESULTS. THIS IS ONLY TO BE USED AS A GUIDE DUE TO VARIATION IN SHOP ENVIRONMENTS.

NOTE: STANDARD EVAPORATION RATE IS 1.0. VALUES ABOVE 1.0 INDICATE FASTER EVAPORATION RATES. VALUES BELOW 1.0 INDICATE SLOWER EVAPORATION RATES.