



Choosing the Correct Hardener and Reducer

As temperatures rise, choosing the correct hardener/reducer combination becomes essential to obtaining a proper finish. When applying material to one or two panels at 70°F (21°C), a fast hardener should be used. For more than two panels at 70° (21°C), a medium or slow hardener should be used.

Choosing the right solvent has a direct effect on viscosity, flow and adhesion. There are several considerations when choosing a solvent: airflow, the size of the area being sprayed and temperature. The following chart will help determine which speed of reducer to use. Refer to the R-M Technical Manual for information on individual products.

Code	Product Name	Temperature Range
UR30	Extra Fast Reducer	Below 50°F (10°C)
UR40	Fast Reducer	50°F-86°F (10°C-20°C)
VR29	Low VOC Reducer (Fast)	
DR33	Low VOC Reducer (Fast)	
PNT62	Lacquer Thinner (Fast)	
UR50	Medium Reducer	
DR45	Low VOC Reducer (Medium)	
PNT88	Lacquer Thinner (Medium)	
UR60	Slow Reducer	80°F-100°F (27°C-38°C)
VR0	Ultra Low VOC Reducer (Slow)	
DR53	Low VOC Reducer (Slow)	
PNT90	Lacquer Thinner (Slow)	
UR70	Extra Slow Reducer	Above 100°F (38°C)
UR100	Universal Retarder	

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