Eparency Resin Selection Guide

We have put together an Eparency Resin Selection Guide to help you determine which of our varieties will suit your requirements. Always keep in mind that epoxy resin reaction is exothermic. The heat from the reaction could accelerate the curing but could also cause overheating problem. Selecting the right resin can minimize the risk of overheating and optimize the curing time.
What to consider:

1. The size of your project
2. Ambient temperature

Eparency Product Type	*Max Pour Depth Ambient Temp: <20°C*	*Max Pour Depth Ambient Temp: 20-30°C*	*Max Pour Depth Ambient Temp: >30°C*	*Curing Time **	*Work Life ** (Open Time, Pot Life)*	*Shore D Hardness*	*Softening Temperature*	*Recommend Use*
All Purpose	25mm	20mm	15mm	12hrs	60min	85	90°C	Small to large pieces
Fast Cure	10mm	10mm	8mm	6hrs	30min	85	80°C	Small pieces
SuperDeep	50mm	40mm	30mm	48hrs	120min	85	100°C	Rivertable; Pyramid; other large pieces.
Top Coat	5mm	5mm	5mm	18hrs	30min	85	85°C	Surface Coating
Flexible	20mm	20mm	15mm	12hrs	60min	15	-	Anything permanently bendable

* Curing time data is based on 200 gram sample in a plastic cup at 20 °C

** Pot life data is based on 200 gram sample in a plastic cup at 20 °C

Pouring depth is only to be considered when mixing mass is over 100 gram. Overheating can occur if the pour depth exceeded the maximum recommended pour depth.