

Art Clay Firing Chart








A Must Keep

Product Review

Projects

by
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These are the manufacturer's recommended minimum firing times and temperatures for the different Art Clay types. A lot of metal clay artists now fire their pieces at the highest possible temperature for a longer time, as this ensures a very strong, fully sintered, finished piece. We usually work with Art Clay Silver New Formula. If we fire a piece without any heat-sensitive material, we would fire it at about 780-800 °C for 30 min. Most lab-created stones are fine at this temperature.

	Firing Temperature / Minimum holding time (Kiln firing)									Other Methods	
	650 °C 1202 °F	700 °C 1292 °F	750 °C 1382 °F	780 °C 1436 °F	800 °C 1472 °F	850 °C 1562 °F	870 °C 1598 °F	970 °C 1778 °F	990 °C 1814 °F	Stove top	Gas torch
 Art Clay Silver New Formula	30min	15min	10min	5min						YES	
 Art Clay Silver Paste Type	30min	15min	10min	5min						YES	
 Overlay Silver Paste	30min	15min	10min	5min	0min						
	(Fire from cold kiln)										
 Art Clay Silver Paper Type					30min	20min				NO	
					(Holding time/ Fire from cold kiln)						
 Art Clay Copper Clay Type								30min		NO	YES
 Art Clay Gold Clay Type								60min		NO	
 Art Clay Gold Paste Type	Application on fired metal clay 500° C - 800° C / hold 5min									YES	NO
	Application on porcelain surface Cold kiln - 800 C - switch off - cool to under 100 C before removing									NO	
	Application on glass surface Cold kiln - 800 C / hold 5min - crash cool to 550 C - close kiln door - leave to cool to room temperature										