



Hadar Jacobson
Art in Metal Clay
hadar@pacbell.net • www.artinsilver.com

Updated 7/13/2010

Firing Schedules - Quick Reference Table

<p>Quick-fire bronze, mixed copper and bronze Thin/small pieces In a fiber blanket box</p> <p>Ramp at full speed to: 1470°F/800°C (top loader) 1550°F/843°C (front loader)</p> <p>Hold for 1:30 hour.</p>		<p>Quick-fire bronze, mixed copper and bronze Thick/large pieces In a fiber blanket box</p> <p>Ramp at full speed to 1000°F/538°C (top loader); 1100°F/593°C (front loader).</p> <p>Hold for 0:30 - 1:00 hours</p> <p>Ramp at full speed to 1470°F/800°C (top loader); 1550°F/843°C (front loader).</p> <p>Hold for 2:00 hours.</p>	
<p>For Quick-fire copper alone, thin pieces In a fiber blanket box</p> <p>Ramp at full speed to: 1750°F/800°C (top loader) 1800/843°C (front loader)</p> <p>Hold for 1:30 hours.</p>	<p>For Quick-fire copper Without carbon - Hot Firing</p> <p>Ramp at full speed to: 1690°F/920°C (top loader) 1770°F/965°C (front loader)</p> <p>Hold for 30 minutes</p>	<p>For Quick-fire copper, tiny pieces Without carbon -Torch Firing</p> <p>Fire for 6 minutes and quench in cold water.</p>	
<p>Quick-fire White Bronze, Shorter Schedule (Works for bronze too)</p> <p>Ramp at full speed to: 500°F/260°C; no hold Ramp at 400°F/222°C to: 1160°F/626°C (top loader kiln) 1250°F/676°C (front loader kiln)</p> <p>Hold for 3:00 hours</p>		<p>Quick-fire White Bronze Longer, Simplified Version</p> <p>Ramp at 500°F/260°C per hour to: 1160°F/626°C (top loader kiln) 1250°F/676°C (front loader kiln)</p> <p>Hold for 3:00 hours</p>	
<p>Steel</p> <p>Ramp at full speed to: 1000°F/538°C (top loader kiln); 1100°F/593°C (front loader kiln) Hold for 30 minutes to 1:00 hour Ramp at full speed to 1800°F/982°C (top loader kiln) 1880°F/1026°C (front loader kiln)</p> <p>Hold for 1:30 hors</p>		<p>Pearl Grey Steel</p> <p>Ramp at full speed to: 1000°F/538°C (top loader kiln) Hold for 30 minutes to 1:00 hour, depending on the size of the pieces Ramp at 750°F/415°C speed to 1750°F/955°C (top loader kiln) 1830°F/1000°C (front loader kiln)</p> <p>Hold for 1:30 hours</p>	