



COPPRclay and BRONZclay comparison

As you might be aware, these two products are still very new to the market, and people are still coming up with new ways of firing them.

Below are the manufacturer's recommendations. If you want to learn more, have a look through places like the Yahoo Metal Clay group where there are many discussions with loads of valuable information – well worth reading through!

	COPPRclay	BRONZclay
Shrinkage	Approximately 20%	Approximately 20%
Activated carbon	Coconut shell only	Coconut shell or Coal-based
Recommended firing schedule for ANY thickness (up to 10mm for BRONZclay)	Ramp: Full Temperature: 1700°F (927°C) Hold time: 3 hours Total firing time: ~ 3½ hours	Ramp: 250°F (139°C) per hour Temperature: 1550°F (843°C) Hold time: 3 hours Total firing time: ~9 hours
Thick firing (1.75mm to 10mm thick)	Ramp: Full Temperature: 1650°F (899°C) Hold time: 3 ½ hours Total firing time: ~4 hours	Ramp: 250°F (139°C) per hour Temperature: 1550°F (843°C) Hold time: 3 hours Total firing time: ~9 hours <i>Note: For pieces thicker than 10mm the ramp temperature needs to be lowered.</i>
Thin firing (less than 1.75mm thick)	Ramp: Full Temperature: 1650°F (899°C) Hold time: 2 hours Total firing time: ~2 ½ hours	Ramp: 500°F (278°C) per hour Temperature: 1550°F (843°C) Hold time: 2 hours Total firing time: ~ 5 hours