










List of Product Specifications for Art Clay Series

As of Feb.7th, 2022

Package	Characteristics	Purity After firing(%)	Shrinkage(%)	Type	Firing method	Firing schedules
 <p>Art Clay Silver</p>	Basic type that you can fire as low as 650 Deg.C up to 800 Deg.C. The most popular type among all Art Clay series.	99.9	8~9	Lump Syringe Paste	Kiln Gas torch Gas stove	Main options of firing schedules. 650°C/1200°F for 30 mins. 700°C/1290°F for 15 mins. 750°C/1380°F for 10 mins. 800°C/1472°F for 5 mins.
 <p>Art Clay Silver 950</p>	Formulated for professional use. Silver 950 alloy metal clay gives approx. 60% stronger than basic type Art Clay Silver after firing.	95	10~13	Lump	Kiln	1: Place a piece at room temp. 2: Ramp up until 500°C/932°F and hold for 30mins. 3: Ramp up to 870°C/1598°F, and hold for 60 min. 4: Turn off the kiln and wait until the kiln drops to 200°C /392°F.
 <p>Art Clay Silver Slow Tarnish</p>	The best choice to make a gift or a work for display because it tarnishes 10 times slower than basic type Art Clay Silver.	99.9	8~9	Lump Syringe Paste	Kiln Gas torch Gas stove	800°C/1472°F for 30 mins. *Kiln firing is suggested.
 <p>Art Clay Silver Paper</p>	Art Clay Silver Paper Type Series can be bent, folded, or quilled easily like Japanese Origami 3D structures easily in a consistent thickness.	99.9	10	Paper	Kiln	Only kiln firing is available with the precise temperature control. Place the piece into a cold kiln and raise the temperature to 800°C/1472°F for 30 minutes or 850°C /1562°F for 20 minutes. Please take at least 10 minutes to reach those temperature.
 <p>Overlay Silver Paste</p>	It is specifically formulated to bond to non-porous or glazed surfaces such as ceramic, porcelain, and glass.	99	---	Paste	Kiln	*Firing time is varied depending on the type of your project. See options in https://www.artclay.co.jp/htm/products/artclayseries/osp.shtml

Package	Characteristics	Purity After firing(%)	Shrinkage(%)	Type	Firing method	Firing Schedules
 <p>Art Clay Copper</p>	Art Clay Copper can be fired in an electric kiln with or without using carbon. You can make a wide range of pieces such as jewelry, craft designs, and objects.	99.5	10	Lump	Kiln	Place the piece into a kiln at 970°C/1778°F for 30 mins. *Quenching is recommended to remove oxidized layer.
 <p>Art Clay Bronze</p>	Art Clay Bronze must be fired in an activated carbon under reducing atmosphere using a programmable electric kiln, with the resulting fired piece being solid alloy (Copper 90%, Tin 10%).	Copper 90% Tin 10%	10~13	Lump	Kiln	It must be fired in an activated carbon under reducing atmosphere using a programmable electric kiln. Ramp up : Make sure to place the box in far side of firing chamber in the cold kiln, ramp up to 820°C/1508°F using more than 20 mins of ramp up time. Holding : Hold at 820°C/1508°F for 2hrs. Cooling : Turn off the kiln, and take out the metal box after cooling down to a room temperature.
 <p>Art Clay Gold K22</p>	It is a water-based gold clay that can be modeled in the same way as other Art Clay series Clay Type. It turns into high quality 22-Karat gold after firing.	K22	15	Lump	Kiln	990°C/1814°F for 60 mins. *You may take out the piece when the kiln temperature falls below 600°C/1110°F with caution.
 <p>Art Clay Gold Paste</p>	You can add texture or draw directly on the surface of fired Art Clay Silver, ceramic, porcelain and/or glass.	K22	---	Paste	Kiln	*Firing time is varied depending on the type of your project. See options in https://www.artclay.co.jp/htm/products/artclayseries/goldpaste.shtml