

Product Guide for



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Art Clay World, USA, Inc.



Art Clay Silver pendant
by Cat Burton

For ALL your metal clay needs:

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Product Guide for



**Complete information and images for the
Art Clay™ Silver and Gold Series**



"Victorian Lace" Art
Clay Silver and
dichroic glass pendant
by Katie Baum

Clay



Art Clay™ Silver Clay

- 8-10% shrinkage
- 92% silver, 8% binder and moisture
- Can be torch-fired at peach glow (length of time based on size)
- Can be fired on gas stovetop at peach glow for 5 minutes
- Can be rolled flat, sculpted, balled, snake-rolled, textured, cut/trimmed, and molded while wet
- Can be sanded, filed, carved, or shaved in dry greenware state
- Can be used to make paste or slip by adding water
- Fired product is 99.9% pure silver and can be polished up to a mirror finish or embellished with enamels or patina
- Low firing temperature is compatible with glass and many natural gems
- Shelf life 2-3 years
- Available in 7g, 10g, 20g, 50g

Firing Schedule	
650°C/1200°F	30 minutes
700°C/1290°F	15 minutes
780°C/1435°F	5 minutes



Artwork: "Adventures of Fleg" Art Clay™ Silver and enamel pendant by Art Clay™ Master Instructor Pam East; Art Clay™ Silver and dichroic glass pendant by Art Clay™ Senior Instructor Inez Flaugh; Art Clay Silver Kinetic Rings by Art Clay™ Master Instructor Lisa Pavelka

Paper Type

Art Clay™ Silver Paper Type

- 8-10% shrinkage
- 96% silver, 4% binder
- Can be used alone, including origami-style, for entire forms
- Perfect for quilling
- Can be used to create bezels for stones that cannot be fired in place
- Pieces can be punched or cut, then appliquéd onto low-fire greenware
- Strips can be braided or woven to create textures or patterns
- Perfect for quilling
- Can be embossed
- Must be kiln-fired if used alone, but can be torch or stovetop fired if small sections have been appliquéd
- Fired product is 99.9% pure silver and can be polished up to a mirror finish or embellished with patina
- Does not require drying time before firing
- Shelf life 12 months
- Original Paper Type available in 0.25mm thick, 10g square 75x75mm and 15g long 40x200mm
- Paper Type PLUS available in 0.6mm thick, 35g, 85x85mm square



Firing Schedule	
800°C/1472°F	30 minutes



Artwork: Art Clay™ Quilling pieces courtesy of Aida Chemical Industries; Art Clay™ Silver pendant by Art Clay™ Master Instructor Cindy Pankopf; Art Clay™ Origami Pendant by Instructor Lesley Messam; Art Clay™ Bezel Pendant by Art Clay™ Senior Instructor Jen Bethmann

Syringe Type

Art Clay Silver Low-Fire Syringe

- 8-10% shrinkage
- 87% silver, 13% binder and moisture
- Can be torch-fired at peach glow (time varies by size)
- Can be fired on gas stovetop at peach glow for 5 minutes
- Can be used to add texture, join pieces together, fill cracks, or fix imperfections before firing
- Use to create filigree-style designs, outlines, dots, even script
- Can be applied over organic material, such as wood clay, to create hollow forms and beads
- Multiple nozzle sizes available for thick or very fine lines
- Low firing temperature offers use with gemstones, glass, ceramics, or stoneware (kiln only)
- Fired product is 99.9% pure silver and can be polished up to a mirror finish or embellished with patina
- Shelf life 2-3 years
- Available in 5g or 10g



Firing Schedule

650°C/1200°F	30 minutes
700°C/1290°F	15 minutes
780°C/1435°F	5 minutes



Artwork: "Mystic Woman" fine silver pendant by Art Clay™ Senior Instructor Cat Burton; silver syringe beads by Art Clay™ Master Instructor Jackie Truty

Clay

Art Clay™ 950 Professional Silver Clay

- 11-13% shrinkage
- 90% silver and copper powders, 10% binder and moisture
- Purity after firing is .950 and may be hallmarked as sterling
- Can be rolled flat, sculpted, balled, snake-rolled, textured, cut/trimmed, and molded while wet
- Can be sanded, filed, carved, or shaved in dry greenware state
- Can be used to make paste or slip by adding water
- Can be fired in a programmable kiln, with no carbon required
- Fired product 60% stronger than fine silver and can be hammered, bent, and curled
- Particularly suitable for clasps, rings, cuffs, and other works needing high durability
- Finished surface is scratch-resistant
- Shelf life 2-3 years
- Available in 25g and 50g



Firing Schedule

1. Ramp full to 500°C/932°F	Hold 30 minutes
2. Ramp full to 870°C/1598°F	Hold 60 minutes
3. Let Kiln Cool to 200°C/392°F before opening	

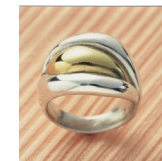


Art Clay™ Gold

- 15% shrinkage
- 95% gold powder, 5% binder and moisture
- Must be kiln-fired
- Available in 5g and 10g

Firing Schedule

990°C/1813°F	60 minutes
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Artwork: Art Clay™ Silver 950 Rings and Pendant by Art Clay™ Instructor Henriette Van Batum; Art Clay™ Silver 950 and pearl ring courtesy of Aida Chemical Industries; Rings with gold clay courtesy of Aida Chemical Industries

Paste

Art Clay™ Silver Low-Fire Paste

- 8-10% shrinkage
- 80% silver, 20% binder and moisture
- Can be torch-fired at peach glow for 5 minutes
- Can be fired on gas stovetop at peach glow for 5 minutes
- Can be fired using a kiln using range of temperatures and times listed at right
- Can be used to add texture, join pieces together, fill cracks, fix imperfections before OR AFTER firing
- Suitable as a repair medium for silver metal clays
- Can be painted over organic matter, such as wood clay, leaves, buds, or pods, to capture the natural texture or shape
- Low firing temperature offers use with gemstones, glass, ceramics, or stoneware (kiln only)
- Fired product is 99.9% pure silver and can be polished up to a mirror finish or embellished with patina
- Shelf life 2 years
- Available in 10g or 20g



Firing Schedule

650°C/1200°F	30 minutes
700°C/1290°F	15 minutes
780°C/1435°F	5 minutes



Artwork: Silver with patina elm leaf by Art Clay™ Master Instructor Katie Baum; silver mulberry leaf by Art Clay™ Senior Instructor Judi Hendricks.

Paste

Art Clay™ Silver Overlay Paste

- 8-10% shrinkage
- 90% silver, 10% binder and moisture
- Formulated for use on glass, ceramic, or other non-porous surfaces
- Can be applied to fired Art Clay™ Silver pieces to add detail or repair imperfections after firing
- Use sgraffito-style to create detailed images
- Used as an intermediary between glazed or unglazed bisqueware and other Art Clay™ Series products
- Shelf life 2-3 years
- Available in 15g



Firing Schedule

650°C/1200°F	30 minutes
700°C/1290°F	15 minutes
780°C/1435°F	5 minutes



Art Clay™ Gold Paste

- 8-10% shrinkage
- 77% gold, 22.5% binder and moisture
- Can be applied to fired silver to add a golden layer
- Can be painted onto glass or ceramic to add or accent a design
- Fired product is 22k gold and can be burnished up to a mirror finish
- Shelf life 2-3 years
- Available in 1.5g

Firing Schedule

800°C/1472°F	See directions in packaging for complete instructions
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Artwork: Silver and ceramic mask and silver with glass pieces by Art Clay™ Master Instructor Jackie Truty. Gold and ceramic earrings by Art Clay™ Master Instructor Jackie Truty.