

Art Clay Silver 650 Clay

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www.artclayworld.com

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[Characteristics]

ART CLAY SILVER 650 consists of pure silver particle, binding agent and water. The binding agent is produced from harmless pulp fiber. During firing, the pure silver powder solidifies. The binding agent consists of carbon, hydrogen and oxygen resulting in the release of harmless carbon dioxide and steam during firing.

[Precautions]

- Keep the clay indoors out of direct sunlight.
- Do NOT keep in a refrigerator.
- Use it as soon as possible after opening.
- Keep this product out of the reach of children.
- If you get any of this product in your eyes or mouth, flush immediately with plenty of water and call your physician.

[Instructions]

This product is water-based. If the clay becomes stiff during shaping, add a few drops of water and knead it well. You can prevent the clay from sticking to your hands by rubbing them with a few drops of olive oil first. Do not use rubber bands to wrap the clay in plastic wrap (They may discolor the clay). It is recommended that your firing temperature does not exceed 900/1650°F. Always be sure to ventilate the workroom. Take out only the necessary amount of clay. Place the rest of the clay in the original 650/1200 bag or a re-sealable bag and keep it in an airtight container to prevent it from drying up. You may combine any unused portion of 650/1200 with the original clay series (clay, paste and syringe types), but the firing condition should be same as the original clay series.

[Directions]

Preparation	<ul style="list-style-type: none">• Take out only the necessary amount of clay and knead it well.• Because the piece will shrink 8 to 9% during firing, make the mold larger than the finished size.
Molding & Drying	<p>It is necessary to dry the clay completely, so dry it in the following ways:</p> <ul style="list-style-type: none">• Hair dryer: At least 10-15 minutes with 1200w hair dryer. Place the dryer within 10cm/4 inches from the piece.• Food Dehydrator: At least 10 minutes at 60°C/145°F• Oven: At least 7 minutes at 180°C/330°F• Hot plate: At least 7 minutes at 150~180°C/300-330°F• Kiln: At least 7 minutes at 150°C/300°F• Natural drying: At least 1 hour at room temperature <p>*Do not apply heat over 250°C/450°F, or the binder will burn away and shape of the piece may change.</p> <p>When to Tell When the Piece is Dry Enough</p> <p>Place the piece on a flat surface of Stainless Steel, glass or plastic and after 10~20 seconds pick up the piece. If there is no evidence of condensation on the surface, it is dry.</p>
Firing	<p>Kiln Firing:</p> <p>To fire, place the piece in a cold or warm kiln (below 300°C/570°F). (It is safest to start with a cold kiln.) Take at least 15 minutes to reach firing temperature. You may use any of the three firing temperatures and hold times listed below. If you are combining with other materials (i.e. man-made stone, glass), please check the appropriate firing temperature and hold time. If you are firing more than two pieces, make sure the pieces are not touching each other.</p>

- 650^{°C}/1200^{°F} - hold time 30 minutes
- 700^{°C}/1290^{°F} - hold time 15 minutes
- 750^{°C}/1380^{°F} - hold time 10 minutes
- 780^{°C}/1435^{°F} and above - hold time 5 minutes.

*You may fire 650 using a gas torch or on a gas stove. Some restrictions and conditions apply. Please ask for the details from your purchased source.

Finishing

- The surface of the fired piece will be white and matte due to crystallization of silver. But luster can be obtained by polishing. (e.g. Stainless Steel brush, agate burnisher, file, sandpaper etc.)

Completion

- The completed piece is pure silver (99.9%).

[ART CLAY WORLD USA](#)

4535 Southwest Highway
Oak Lawn, IL 60453
Direct (708) 857-8800
Fax (708) 636-5408
Toll Free 1-866-381-0100
[Contact Us](#)

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