

PMC PRO™



Bracelet
Barbara Simon

Working Properties

PMC PRO™ is like the other forms of PMC only better! It can be rolled, modeled, carved, layered, cut, textured, and assembled like Original PMC, PMC+ and PMC3. It has a longer working time and more green strength.

As with bronze and copper clays, use the same tools but wipe them with a cloth when switching between materials. Allow a little longer for PMC PRO™ to dry.

Firing

PMC PRO™ is fired for one hour in activated carbon at 1400°F (760°C). Smaller pieces can fire at a reduced time and larger pieces should be held for two hours. Most people use a stainless steel container but any vessel that will withstand the required temperatures can be used. Provide about ½" of activated carbon between each piece and between the top and bottom of the batch. If more carbon is needed (for instance for an unusual shape) extend the firing time to two hours. Do not fire above 1425°F (774°C).

Combining Clays

PMC PRO™ can be combined with all forms of PMC. When using fine silver clays, fire for 30 minutes without using activated carbon. This is necessary to properly burn off the binder in PMC. Transfer the work to a vessel where it is covered with activated carbon for the second step of firing: 1400°F (760°C) for an hour.

Finishing

After firing, PMC PRO™ will be white or slightly gray. Finish as you would any other silver clay, by burnishing, sanding, tumbling, or polishing. PMC PRO™ responds well to conventional darkening solutions.

FAQ

Can I make slip?

Yes, just like other metal clays. Add water to scraps and sanding dust or smear water into fresh PMC PRO™.

Can I mix PMC PRO™ with other PMCs?

The materials can be used side by side but they cannot be mixed together into a single hybrid clay. Similarly, scraps of PMC PRO™ should be kept separate from your other PMC.

Can I enamel and use Aura 22?

Yes on both counts. Fire the PMC PRO™ as recommended, then apply enamel or Aura in the usual way.

Can I solder on PMC PRO™?

You can use any low-temp solder and easy or medium silver solder. Do not use hard solder because its melting point is close to the melting point of PMC PRO™.

When will PMC PRO™ be available?

Mid-October in the United States.

Quick Comparison

For more technical data, visit www.PMCguild.com.

