

From Clay to Bronze

Creating one-of-a-kind bronze sculpture in the studio and foundry of Georgia Gerber

Step 1

Georgia sculpts in water-based clay.

Step 2

The finished sculpture is sectioned into castable-sized pieces with thin metal shims.

Step 3

An "investment" made of sand, plaster, and vermiculite is applied to each section to a thickness of about 5 inches.

Step 4

Each section is removed and cleaned. There is now a negative imprint of each section of the sculpture captured in plaster.

Step 5

A 1/4" thickness of wax is pressed against the negative imprint.

Step 6

A "plumbing" network of wax (sprues and gates) is connected to the wax.

(continued on back)



1



2-3

4



5



6

For edition pieces, which must be reproduced in multiples, we create a rubber mold from the original clay that allows us to make wax copies, which are then coated with investment, as in Step 3. The process is then the same, beginning with Step 6.