GOLDIE WHITE IRON™

Goldie White Iron ™ - the color of iron,

Goldie White Iron is an iron with whiteish hue. Goldie White Iron shrinks by about 5-11% on firing, depending on the shape and the size of the piece. Dried clay can be ground up to a powder and reconstituted.

TO MIX

● First, stir the powdered clay well in a container, to ensure it is properly mixed, and then put the desired amount of powder into a smaller container.
● Add about a dozen drops of water or spray in a little water and mix with a knife or spoon, adding more water as required, until you get a clay of a plasticine like consistency.
● Roll the lump clay out thinly and fold over. Roll again, rolling away from the fold. Repeat this action several times. This is very important to ensure that all the air is removed from the clay and to get a smooth consistency before using. Insert into a plastic bag or container and wait for 30 minutes.

TO USE

● To join elements - mix a little powder with water to make a paste. Elements can also be joined with the water only method in the same way as silver clay.
● Pieces can be dried naturally or by using heat, e.g. on a hotplate or in a dehydrator. Dry at 90°C (195°F) or lower. Higher temperatures may cause cracking, and if steam appears it might create bubbles in the material.
● Remember to always clean your tools well between using different types of metal clay to avoid cross contamination unless intentionally mixing.

TO FIRE

● Ensure the clay is completely dry before firing. Any moisture will boil and ruin the piece.
● Lay the pieces in a stainless steel firing container on a layer of activated coconut shell carbon with a minimum depth 1cm (1/2”) under the pieces. Make sure the pieces are at least 1cm (1/2”) apart. Place the open container into a cold kiln and fire at full ramp to **400°C(752°F) and hold for 30 minutes**. You can also do this on a mesh wire rack without carbon.
● Carefully remove the container from the kiln and place on a heatproof surface. Fill the container with a layer of activated coconut shell carbon with a minimum depth 1cm (1/2”) over the pieces, and place back into the kiln.
● Full ramp to 870°C(1598°F) and hold for 2 Hours.

SAFETY PRECAUTIONS

Do not breathe in the powder or ingest Goldie Iron™. Always use the appropriate safety equipment when working with a hot kiln and fire in a well ventilated area. Goldie Iron™ is non toxic and does not contain any harmful chemicals. There have been no reports of any allergic reaction to Goldie Iron™, however people with allergies should be aware of the possibility of a reaction and use with care.