

# SIO-2® Black Ice - Black Porcelain Clay

## IS IRON OXIDE USED TO MAKE THE CLAY BLACK?

No. This clay uses a very dark clay and a small quantity of manganese (<5%) to get the deep, black color.

## WHY CHOOSE SIO-2® BLACK ICE?

SIO-2® Black Ice has been formulated for both artistic ceramics and pottery, it offers exceptional plasticity and a deep black coloring for any project.

## IS SIO-2® BLACK ICE CLAY MICROWAVE SAFE?

Yes, your SIO-2® Black Ice dinnerware can be safely heated in the microwave. However, some glazes cannot be microwaved- so be sure to check before microwaving your glazed ceramics.

## IS SIO-2® BLACK ICE SUITABLE FOR TABLEWARE?

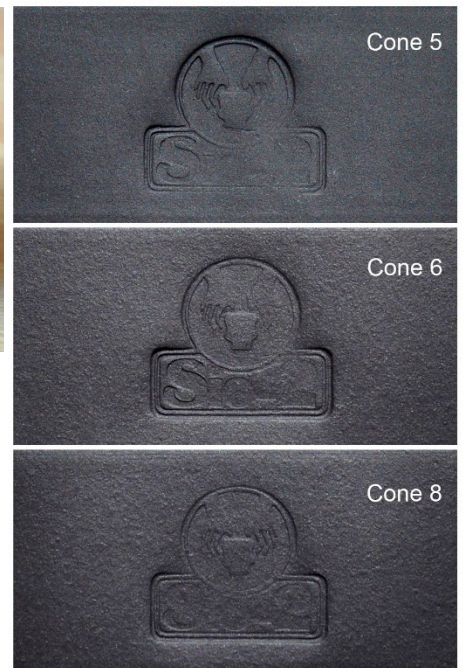
Yes. SIO-2® Black Ice clay bodies are food-safe according to ISO 6486:1999 standards.



BLACK ICE Olivia Walker



BLACK ICE Mercè Rius



SIO-2® Black Ice is a specialty clay that exudes a stunningly rich, deep black graphite color. It boasts a high level of plasticity, which makes it excellent for creating pieces on the potter's wheel or by hand modeling.

SIO-2® Black Ice is a highly stable formula that is known for its strength, durability, and ability to maintain its shape during firing. Suitable for producing either a smooth or textured finished piece.

Whether this clay is used for artistic ceramics or for pottery, it will surely give your piece a luxurious, high-end look and feel thanks to its unique black color and durable properties.

<b>Firing range:</b> 1200-1240°C / Cone 6-7
<b>Biscuit temperature:</b> 1000°C / Cone 06
<b>Water content:</b> 22%
<b>Plasticity (IP Atterberg):</b> 11
<b>Carbonate content (CaCO3):</b> 0%
<b>Drying shrinkage:</b> 5.7%
<b>Firing shrinkage 1220°C:</b> 10.3%
<b>Porosity (water absorption) at 1220°C:</b> 0.0%
<b>Dry bending strength:</b> 3.1 N/mm2
<b>Fired bending strength 1220°C:</b> 40.1 N/mm2
<b>Thermal coefficient 1240°C (25-500°C):</b> 62.5x10 <sup>-7</sup> °C <sup>-1</sup>



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