

# SIO-2® Zumaia - Grey Sculpture Clay with Fine Grog

## WHY CHOOSE SIO-2® ZUMAIA?

SIO-2® Zumaia clay is a premium sculpture clay that fires to a beautifully textured, grey finish.

## IS SIO-2® ZUMAIA CLAY MICROWAVE SAFE?

SIO-2® Zumaia clay is formulated for artistic ceramics and has not been tested to be microwave safe.

## IS SIO-2® ZUMAIA SUITABLE FOR TABLEWARE?

SIO-2® Zumaia clay is made for artistic ceramics and therefore has not been tested to be food-safe according to ISO 6486:1999 standards.

## CAN I PUT A FINISHED PIECE OUTSIDE?

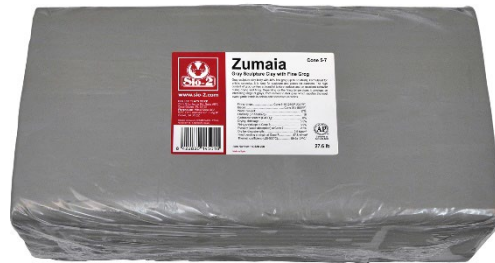
Yes! SIO-2® Zumaia clay is made to withstand the elements and can be used as outdoor garden pots or sculptures.



ZUMAIA SIO-2®



ZUMAIA @soc\_fang



SIO-2® Zumaia is a high fire grey clay body with a 40% fine grog (up to 35 mesh) which provides a beautifully textured finish to your pieces. This clay is specifically formulated for use in artistic and decorative ceramics, and is ideal for creating sculptures and outdoor pieces such as garden pots and tiles.

SIO-2® Zumaia clay can be used for a variety of sculpting techniques, such as hand-building, wheel throwing, and slab work.

When fired at different temperatures, the clay produces a range of greys, from cement to dark grey, which is perfect for meeting the demands of avant-garde trends in artistic and decorative ceramics.



Cone 03  
1100°C



Cone 5  
1200°C



Cone 10  
1300°C

**Firing range:** 1200-1300°C / Cone 5-10  
**Biscuit temperature:** 1000°C / Cone 06  
**Water content:** 17%  
**Plasticity (IP Atterberg):** 16  
**Carbonate content (CaCO<sub>3</sub>):** 0%  
**Drying shrinkage:** 5.3%  
**Firing shrinkage 1300°C:** 4.3%  
**Porosity (water absorption) at 1300°C:** 4.5%  
**Dry bending strength:** 2.8 N/mm<sup>2</sup>  
**Fired bending strength (1300°C):** 37.8 N/mm<sup>2</sup>  
**Thermal coefficient 1250°C (25-500°C):**  
61.6x10<sup>-7</sup>°C<sup>-1</sup>



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