

# SIO-2® PRAI - White Stoneware Clay with Impalpable Grog

## WHY CHOOSE SIO-2® PRAI CLAY?

This high-quality clay offers easy shaping and molding, is resilient to cracking, and is an easy-to-use medium for artists of all levels.

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

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

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

Yes, PRAI clay bodies are food-safe according to ISO 6486:1999 standards.

## GLAZE RECOMMENDATIONS

SIO-2® PRAI clay bodies create an appealing ivory color to apply both glazes and coloring oxides onto, which can develop to bright and intense tones.



PRAI Alberto Bustos



PRAI Miguel Molet



SIO-2® PRAI is a premium white stoneware clay that has a fine, impalpable texture which makes it easy to shape and mold using a variety of techniques including wheel-throwing, modelling, and sculpting.

The 40% impalpable grog in SIO-2® PRAI White Stoneware Clay helps to improve the clay's stability and resistance to cracking during firing. This makes it an excellent choice for artists who want to create durable and long-lasting pottery or sculpture pieces.

This clay is highly versatile and suitable for use with a wide range of glazes, meaning that artists can experiment with different finishes and styles to create unique, personalized pieces.

**Firing range: 1240-1300°C / Cone 6-10**  
**Biscuit temperature: 1000°C / Cone 06**  
**Water content: 19%**  
**Plasticity (IP Atterberg): 16**  
**Carbonate content (CaCO<sub>3</sub>): 0%**  
**Drying shrinkage: 5.9%**  
**Firing shrinkage 1300°C: 7.0%**  
**Porosity (water absorption) at 1300°C: 0.0%**  
**Dry bending strength: 3.0 N/mm<sup>2</sup>**  
**Fired bending strength 1300°C: 51.0 N/mm<sup>2</sup>**  
**Thermal coefficient 1250°C (25-500°C): 60.4x10<sup>-6</sup>°C<sup>-1</sup>**



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