

## Technical Sheet

### CE VBC 32

**Type of Product:** Glossy opaque glaze

**Main Uses:** Earthenware

### Technical Characteristics

#### Theoretical Chemical Composition

Ceramic glaze bonded as a silicate, with the following oxides in composition:

High Level (above 8%): SiO<sub>2</sub>-B<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>  
Medium Level (2-8%): Al<sub>2</sub>O<sub>3</sub>-Na<sub>2</sub>O-CaO  
Low level (below 2%): MgO-ZnO-K<sub>2</sub>O-PbO

#### Physical Characteristics

Aggregation: powder  
Fineness: 0,5-2,5 % on 325#

#### Thermal Characteristics

Cubic Thermal Expansion (20-400C): 179 \*10E-7/C  
Expansion percentage at 573C: 0,34 %  
Transformation Temperature: 585 C  
Softening Temperature: 650 C  
Firing Temperature: 960-1000 C

Only for professional use. Avoid exposition. Safety data sheet sent by request.

The Ceramic and Glaze Organisation of Ferro Indústrias Químicas (Portugal) Lda is certified by NP EN ISO 9001:2000, with number LIS-0035-AQ-03 of 2003.08.18

All informations contained in this specification sheet are guide lines and are meant to enlighten the user about some characteristics and application possibilities of our products. It is for the user to adapt this information to his specific conditions and to the characteristics of other products to which our own products may be associated.

Anxious always to improve the quality of our products, and the fiability of these data we reserve the right to alter the specifications thereof without previous notice. Specification of products with earliest date or higher edition number replaces the old ones.