



**CERACASA**  
C E R A M I C A

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QUALITY CERTIFICATE:

Material: Glazed Porcelain.

Models: **DOLOMITE SAND, DOLOMITE NOCE, DOLOMITE CINDER, DOLOMITE BONE**

Size : **49.1x98.2 cm.rect., 49.1x49.1 cm.rect.**

Finish : **Natural**

**CERACASA, S.A.** certifies the above referenced models are manufactured to meet the standards **UNE-EN 14411**, for ceramic tiles dry pressed with very low water absorption ( $\leq 0.5\%$  . Group **Bla** ) and have the following technical characteristics, as recorded in their catalogues:

DETERMINATION OF WATER ABSORPTION, (BOIL METHOD)  
(s/ Standard UNE-EN-ISO 10545-3) **Average water absorption:  $\leq 0.3\%$**

STAIN RESISTANCE. s/ ISO 10545--14: **Class 5**

DETERMINATION OF CHEMICAL RESISTANCE ( sISO 10545-13 ) :

A - Products for household cleaning: **GA.**  
B. - Additives for swimming pools water: **GA.**  
C - Acids and alkalis (low concentration): **GLA.**  
D. - Acids and alkalis (concentrated): **GHA.**

DETERMINATION THE SCRATCH RESISTENCE OF THE SURFACE  
( s/UNE 67-1011 M:1992 ) **Mohs hardness: 7**



DETERMINATION OF DIMENSIONS AND SURFACE APPEARANCE  
(Standard UNE-EN-ISO 10545-2). **It meets the standard.**

- 1.-length and width: conforms to.
- 2 thickness: meets standard.
3. straightness of sides: conforms to.
- 4 orthogonality: meets standard.
5. surface flatness: conforms to.
6. surface quality: conforms to

TEST WET DYNAMIC COEFFICIENT OF FRICTION ( **DCOF** ).  
DETERMINATION OF SLIP RESISTANCE ( s/ANSI A137.1-2017 SECTION 9.6.1 BOT- 3000E )

Dynamic Coefficient of Friction **DOCF.... > 0.42**

According to the ANSI A 137.1 standard for ceramic tile, "Unless other wise specified,tiles suitable for level interior spaces expected to be walked upon when wet shall have a wet DCOF of 0.42 or greater when tested using SLS solution as per the procedure in Section 9.6.1. However tiles with a DCOF of 0.42 or greater are not necessarily suitable for all projects. The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers' guidelines and recommendations". (Section 6.2.2.1.10 ANSI A 137.1 standard)

Likewise, the aging resistance of such models of porcelain and lost color by the action of sunlight is negligible.

This family of products are stable and do not undergo photochemical degradation when exposed to the light radiation emitted by the Sun . The color is stable for the lifetime of the product.

It is high resistance porcelain as floor for medio-high level pedestrian areas. It is perfectly suitable for hotels, malls, or any other high level pedestrian areas.

These products are in conformity with the provisions of Annex G to the norma UNE-EN-14411 "Ceramic tiles. Definitions, classification, characteristics and marking".

( Group Bla, E =< 0.5 %).

*Felipe Sierra Grau*



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Quality Dept