

SPECIFICATIONS of collection (semigres): DIESEL CAMP

1. Product and process features

Ceramic tiles – Group BIII – for internal walls coverings.

2. Compliance with Standards

The material, in compliance with the requirements of European standards EN 14411 Encl. L and International standards ISO13006 Encl. L, must meet the following technical features:

- ISO 10545-3 (Water absorption)
- ISO 10545-2 (Dimensions and surface quality)
- ISO 10545-4 (Modulus of rupture (R))
- ISO 10545-8 (Thermal expansion coefficient)
- ISO 10545-9 (Thermal shock resistance)
- ISO 10545-11 (Determination of crazing resistance)
- ISO 10545-13 (Chemical resistance)
- ISO 10545-14 (Stain resistance)

The Quality Control System implemented by the company guarantees the mentioned above features in accordance with UNI-EN-ISO 9001:2015 standards; our company also guarantees the constant respect of the laws in force concerning the health and safety of workers through the ISO 45001 management scheme.

Slabs, with a low environmental impact, obtained by pursuing policies of continuous improvement aimed at reducing the wastes of non-renewable resources by using natural raw materials that are not environmentally valuable.

Objectives achieved through the adoption of Environmental and Energy Management Systems respectively certified in accordance with the UNI-EN ISO 14001:2015 and ISO 50001:2018 standards as well as through the registration to the “ECO-MANAGEMENT” Community system according to the requirements of the EMAS Regulations.

3. Commercial Description of the Product

| | |
|------------------------|--------------------------------------------------------------|
| Company | Iris Ceramica |
| Collection | DIESEL CAMP |
| Product | Army Black - Army Blue - Army Green - Army Grey - Army White |
| Finish | Rock |
| Size in inch | 12x4 |
| Size in cm | 30x10 |
| Thickness in mm | 7,5 |

4. Technical features

| Chemical Physical | Norms | Required Standards | Average Values of Production |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------|-------------------------------------------------|
| Water absorption | ISO 10545-3 | Eb > 10% | > 16% |
| Length and Width | ISO 10545-2 | ± 0,5 % | Compliant |
| Thickness | | ± 10 % | |
| Linearity | | ± 0,3% | |
| Rectangularity | | ± 0,5 % | |
| Surface Flatness | | + 0,5 % / - 0,3 % | |
| Modulus of rupture (R) | ISO 10545-4 | $R \geq 15 \text{ N/mm}^2$ | 20 N/mm ² |
| Coefficient of linear thermal expansion | ISO 10545-8 | Test method available | $8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ |
| Thermal shock resistance | ISO 10545-9 | Test method available | Resistant |
| Crazing Resistance | ISO 10545-11 | Test method available | Resistant |
| Chemical resistance* - Household chemicals - Swimming pool salts - Low concentration of acid and alkalis - High concentration of acid and alkalis | ISO 10545-13 | - Min. Class B - Manufacturer is to state classification - Test method available | A LA HA |
| Stain resistance | ISO 10545-14 | Min. Class 3 | Class 5 |

(*) With the exception of HYDROFLUORIC acid (HF) or its derivatives and compounds.

Date: 05/12/2023