



SPECIFICATIONS ITEM

collection NEWSTONE

Supply of GranitiFiandre porcelain stoneware flooring / wall-covering.

1. PRODUCT AND PROCESS CHARACTERISTICS

The material must be manufactured using top quality clays sintered at 1250 °C and must consist of a single and compact mixture, frost proof, non absorbent, able to withstand chemical and physical aggression. The material must contain no extraneous additives for protection on the surface.

2. COMPLIANCE WITH STANDARDS

The material must be eligible to bear the product marks issued by UNI according to the current international standards

UNI EN ISO 10545.2 (dimensional tolerance)
UNI EN ISO 10545.3 (water absorption)
UNI EN ISO 10545.4 (bending strength)
UNI EN ISO 10545.6 (resistance to deep abrasion)
UNI EN ISO 10545.8 (thermal expansion coefficient)
UNI EN ISO 10545.9 (thermal shock resistance)
UNI EN ISO 10545.13 (chemical resistance)
UNI EN ISO 10545.12 (frost resistance)
UNI EN ISO 10545.14 (stain resistance)
it must also comply with the DIN 51094 standard (colors resistance to light).

The Quality Management System, adopted by GranitiFiandre and certified according to the **UNI-EN ISO 9001/2000** standard, guarantees the fact that these characteristics remain unchanged.

With the aim of constantly reducing the waste of natural resources, decreasing environmental impact and pursuing continuous improvement, GranitiFiandre has adopted an Environmental Management System certified according to the **UNI-EN ISO 14001** standard, and has joined the EU "ECO-MANAGEMENT" ("ECOGESTIONE") system as per the provisions of CE regulation 761/2001 **EMAS**.

3. COMMERCIAL DESCRIPTION OF THE PRODUCT

| | |
|------------|----------------|
| FIRM | GranitiFiandre |
| COLLECTION | NewStone |
| PRODUCT | ██████████ |
| SIZE | ██████████ |
| FINISH | ██████████ |

New Stone: Fully vitrified materials belonging to group B1a
Requirements as per the EN ISO 13006 standard Enc. G – UGL

FINISH: honed, polished, slate, flamed

4. TECHNICAL CHARACTERISTICS AND PRODUCT MARKS

| PHISICAL PROPERTY | NORMS | GRANITIFIANDRE™ VALUES Average value of production |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------|
| WATER ABSORPTION | ISO 10545.3 | 0,01% ÷ 0,04% |
| SIZES | ISO 10545.2 | ± 0,2% Length and width ± 2,0% Thickness ± 0,2% Linearity ± 0,2% Wedging ± 0,2% Warpage |
| BENDING STRENGTH | ISO 10545.4 | 50 N/mm ² |
| RESISTANCE TO DEEP ABRASION | ISO 10545.6 | 131 mm ³ |
| THERMAL EXPANSION COEFFICIENT | ISO 10545.8 | 7 MK ⁻¹ |
| THERMAL SHOCK RESISTANCE | ISO 10545.9 | Resistant |
| FROST RESISTANCE | ISO 10545.12 | Frost proof |
| CHEMICAL RESISTANCE | ISO 10545.13 | Unaffected |
| COLOR RESISTANCE TO LIGHT | DIN 51094 | No change in brightness or colour |
| SKID RESISTANCE Average coefficient of friction (μ) (Ardesio <u>slate</u>) | DIN 51094 | R10* |
| STAIN RESISTANCE | ISO 10545-14 | Resistant to stain |