



## 1. Properties and process features

Porcelain stoneware classifiable, according to standard EN14411, as group BIa.

Frost-proof slabs that resists chemical attacks, achieved through dry-forming of high-quality bodies made up of natural raw materials (kaolin minerals, feldspars), atomised, mixed. The slabs are made mechanically resistant through a sintering process at very high temperatures.

## 2. Compliance with Standards

In compliance with the requirements of the European standards EN14411 and International ISO13006 Annex G

EN ISO 10545.3 – (water absorption)  
 EN ISO 10545.6 – (resistance to deep abrasion)  
 EN ISO 10545.8 – (coefficient of linear thermal expansion)  
 EN ISO 10545.9 – (resistance to thermal shocks)  
 EN ISO 10545.12 – (resistance to frost)  
 EN ISO 10545.13 – (resistance to chemicals)  
 EN ISO 10545.14 (resistance to stains)  
 and must ensure compliance with DIN 51094 (color resistance to light).

The maintenance of aforesaid features must be ensured by the Quality Control System implemented by the company in accordance with standard **UNI-EN ISO 9001:2015**.

Slabs, with a low environmental impact, obtained by pursuing policies of continuous improvement aimed at reducing the wastes of non-renewable resources by using raw materials often found in nature, through the adoption of an Environmental Management System certified in accordance with standard **UNI-EN ISO 14001:2015** and/or registration to the “*ECO-MANAGEMENT*” Community system, in accordance with the provisions of *EMAS* Regulations.

## 3. Commercial Description of Product

COMPANY	<b>Ariostea</b>
COLLECTION	<b>ULTRA_TEKNOSTONE</b>
FINISH	<b>Soft</b>
SIZE mm	<b>3000x1000 – 1000x1000</b>
THICKNESS mm	<b>6,0</b>

Completely vitrified materials belonging to Group BIa  
 Meets requirements of standard EN 14411 Annex G-UGL.

**DIMENSIONS:**

Materials supplied in caliber 0 (Mono-caliber).

Nominal dimensions mm	Average production dimensions mm
3000 x 1000	3002 x 1000
1000 x 1000	1000 x 1000

**COLORS:**













LIGHT GREY

SMOKE

TAUPE

TOBACCO

**4. Technical features and product brands**

TECHNICAL FEATURES		MEASURING STANDARDS OR METHOD	AVERAGE VALUE
	SIZES	<i>ISO 10545.2</i>	± 0.1% Length and width ± 5% Thickness ± 0.1% Edge straightness ± 0.1% Orthogonality ± 0.2% Flatness
	WATER ABSORPTION	<i>ISO 10545.3</i>	≤ 0,1%
	MODUL OF ROPTURE (R )	<i>ISO 10545.4</i>	48 N/mm <sup>2</sup>
	RESISTANCE TO DEEP ABRASION	<i>ISO 10545.6</i>	140 mm <sup>3</sup>
	COEFFICIENT OF LINEAR THERMAL EXPANSION	<i>ISO 10545.8</i>	6,5 x 10 <sup>-6</sup> °C <sup>-1</sup>
	RESISTANCE TO THERMAL SHOCKS	<i>ISO 10545.9</i>	Resistant
	RESISTANCE TO FROST	<i>ISO 10545.12</i>	Conforms
	RESISTANCE TO CHEMICALS	<i>ISO 10545.13</i>	Conforms
	COLOR RESISTANCE TO LIGHT	<i>DIN 51094</i>	Unaffected
	FIRE PROOF	<i>Decision 96/603 CE not requested</i>	Class A1 - A1 <sub>FL</sub>

09<sup>th</sup> November 2018