





PetraSlate
Tile & Stone

PetraSlate Tile & Stone
4355 Monaco St.
Unit B
Denver, CO 80216
303.280.9595
orders@petraslate.com



LAVELLO

| | | |
|---|-----------------|---|
|  | Size: 200X200mm |  |
| | Thickness: 10mm | |
| | PT02839 | Different pieces: 11 |

| CHARACTERISTICS | Requirements according to nominal dimension N | | | STANDARD |
|--|--|------------------|--------------------|----------------|
| | 7cm≤N<15cm | N≥15cm | | |
| | (mm) | (%) | (mm) | |
| SIZE AND APPEARANCE | | | | |
| LENGTH AND WIDTH | | | | |
| Admissible deviation in % of the average dimension of a single tile from the manufacturing dimension | ±0,75mm | ±0,5% | ±2,0 mm | EN ISO 10545-2 |
| THICKNESS | | | | |
| Percent admissible deviation of the average thickness of a single tile from the manufacturing thickness. | ±0,5mm | ±10% | ±0,5mm | EN ISO 10545-2 |
| STRAIGHTNESS OF EDGES | | | | |
| Admissible deviation of the maximum single value in %with reference to the manufacturing dimension. | ±0,5mm | ±0,3% | ±1,5 mm | EN ISO 10545-2 |
| SQUARENESS | | | | |
| Admissible deviation of the maximum single value in %with reference to the manufacturing dimension. | ±0,75mm | ±0,5% | ±2 mm | EN ISO 10545-2 |
| FLATNESS | | | | |
| Central curvature relative to the diagonal calculated with the manufacturing dimension. | ´+0,75mm ´-0,5mm | ´+0,5% ´-0,3% | ´+2,0mm ´-1,5mm | EN ISO 10545-2 |
| Lateral curvature relative to the manufacturing dimension. | ´+0,75mm ´-0,5mm | ´+0,5% ´-0,3% | ´+2,0mm ´-1,5mm | EN ISO 10545-2 |
| Warp relative to the with the diagonal calculate with the manufacturing dimension | ±0,75mm | ±0,5% | ±2,0 mm | EN ISO 10545-2 |
| PHYSICAL PROPERTIES | | | | |
| WATER ABSORTION | | | | |
| % weight | Average> 10% if more than 20% must be indicated by manufacturer. | | | EN ISO 10545-3 |
| BREAKING STRENGTH (N) | | | | |

| | | |
|---|------------------------------------|--------------------------------|
| Thickness \geq 7,5mm | > 600 N | EN ISO 10545-4 |
| Thickness <7,5mm | >200 N | EN ISO 10545-4 |
| BENDING STRENGTH | | |
| Thickness \geq 7,5mm | >12N/mm ² | EN ISO 10545-4 |
| Thickness <7,5mm | Indiv minimum. 15 N/m ² | EN ISO 10545-4 |
| RESISTANCE TO SURFACE ABRASION | Class 3 | EN ISO 10545-7 |
| RESISTANCE TO SLIDING | Class 0 | UNE ENV12633 |
| THERMAL SHOCK RESISTANCE | Satisfy | EN ISO 10545-9 |
| CRAZING RESISTANCE | Satisfy | EN ISO 10545-11 |
| ADHESIVES | | |
| Cementitious adhesives | >0,5N/mm ² | EN 12004:2007 +A1:2012, 4.1 |
| FIRE REACTION | Class A1 | – |
| CHEMICAL PROPERTIES | | |
| STAIN RESISTANCE | Class 5 | EN ISO 10545-14 |
| CHEMICAL RESISTANCE | | |
| Acid and alkali resistance of low concentration. - (3%v/v). Hydrochloric Acid . - (100g/l). Citric Acid - (30g/l). Potassium Hydroxide | GLA | EN ISO 10545-13 |
| Acid and alkali resistance of high concentration. - (18%v/v). Hydrochloric Acid . - (5%v/v). Lactic Acid - (100g/l). Potassium Hydroxide | GHA | EN ISO 10545-13 |
| Resistance to domestic products and salt for pools. | GA | EN ISO 10545-13 |
| DANGEROUS SUBSTANCES EMISSION | | |
| a)P - Lead (en mg/dm ²) | >0,1mg/dm ² | EN ISO 10545-15 |
| b)- Cadmium (en mg/dm ²) | >0,1mg/dm ² | EN ISO 10545-15 |
| DURABILITY | Satisfy | – |