VIVALDI
vivaldi

Bring the majesty of wood, the elegance of nature and the color of the seasons to any environment with the new Vivaldi tile series.

**Embrace the beautiful appearance of antique wood flooring while enjoying the durability that only comes with genuine porcelain tiles.** Marvel over the aged-wood appearance of these tiles which includes material veining and irregularities in pattern that mimic genuine antique wood floors.

The authentic aged-wood finish is the result of a unique production technique that combines multiple wooden graphics with detailed digital printing to create a textured surface that looks and feels like real aged wood. Aesthetically appealing to the eyes and the toes, these tiles will immerse you in comfort and memories of times past.
4 colors

Natural edges

Size 6x24”

Digital-printing technology

Textured surface

Antique-weathered appearance

120 different graphics combine to create unique prints that reflect a ‘true’ wood floor appearance
SPRING
WEATHERED
AMBER
OAK
The naturalness of the wood for environments rich with memories.

SUMMER
POLISHED
ANTIQUE
OAK
Warm shades for light, elegant aesthetics.

FALL
WEATHERED
ANTIQUE
ELM
Earthy shades reminiscent of natural landscapes.

WINTER
GREY
ANTIQUE
OAK
Refined ash shades for shabby-chic atmospheres.
The 4 Vivaldi shades:
winter
6x24”
dining room

spring
6x24”
spring
6x24”
bedroom

summer

6x24"
summer
6x24"
public spaces

fall

6x24"
fall
6x24”
VIVALDI

sizes and colors

spring
6x24”

summer
6x24”

fall
6x24”

LG1VV30
LG1VV20
LG1VV00
winter
6x24"

LGBVV30 spring
LGBVV20 summer
LGBVV00 fall
LGBVV10 winter

bullnose
3x24"
## TECHNICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Test Method</th>
<th>Required Values</th>
<th>Resistive Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM C373</td>
<td>≤ 0.5%</td>
<td>Compliant</td>
</tr>
<tr>
<td>ASTM C648</td>
<td>≥ 250 pounds</td>
<td>Compliant</td>
</tr>
<tr>
<td>ASTM C1027</td>
<td>Not Required</td>
<td>4</td>
</tr>
<tr>
<td>ASTM C372</td>
<td>Not Required</td>
<td>≤ 8 × 10⁻⁶ °C⁻¹ ≤ 4.4 × 10⁻⁶ °F⁻¹</td>
</tr>
<tr>
<td>ASTM C484</td>
<td>No Sample Must Show Visible Signs</td>
<td>Resistant</td>
</tr>
<tr>
<td>ASTM C650</td>
<td>Not Required</td>
<td>Resistant</td>
</tr>
<tr>
<td>ASTM C1026</td>
<td>Not Required</td>
<td>Resistant</td>
</tr>
<tr>
<td>ASTM C482</td>
<td>≥ 50 PSI</td>
<td>Compliant</td>
</tr>
<tr>
<td>CTI 81-7 ANN. D</td>
<td>Not Required</td>
<td>Resistant</td>
</tr>
<tr>
<td>ASTM C1028</td>
<td>COF &lt; 0.50 Questionable, 0.50 ≤ COF &lt; 0.60 Conditionally Slip Resistant, COF ≥ 0.60 Slip Resistant</td>
<td>Dry-neolite COF ≥ 0.60 Wet-neolite COF ≥ 0.60</td>
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<tr>
<td>BOT 3000</td>
<td>DCOF &gt; 0.42</td>
<td>DCOF &gt; 0.55</td>
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<tr>
<td>Warpage Edge</td>
<td>≤ 0.75% or Max ≤ 0.09 Inch</td>
<td>Compliant</td>
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<tr>
<td>Warpage Diagonal</td>
<td>≤ 0.50% or Max ≤ 0.08 Inch</td>
<td>Compliant</td>
</tr>
<tr>
<td>Nominal Dimension</td>
<td>≤ 3% of Nominal Dimensions</td>
<td>≤ 1.5%</td>
</tr>
<tr>
<td>Caliber Range</td>
<td>≤ 0.50% or Max ≤ 0.08 Inch</td>
<td>Compliant</td>
</tr>
<tr>
<td>Thickness</td>
<td>≤ 0.240 Inch</td>
<td>≤ 0.030 Inch</td>
</tr>
<tr>
<td>Wedging</td>
<td>≤ 0.06% or Max ≤ 0.08 Inch</td>
<td>Compliant</td>
</tr>
</tbody>
</table>

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**VIVALDI GLAZED (GL)**

**PORCELAIN TILES (CLASS P1)**

**Dimensions**

- Warpage Edge: ≤ 0.75% or Max ≤ 0.09 Inch - Compliant
- Warpage Diagonal: ≤ 0.50% or Max ≤ 0.08 Inch - Compliant
- Nominal Dimension: ≤ 3% of Nominal Dimensions - ≤ 1.5%
- Caliber Range: ≤ 0.50% or Max ≤ 0.08 Inch - Compliant
- Thickness: ≤ 0.240 Inch - ≤ 0.030 Inch
- Wedging: ≤ 0.06% or Max ≤ 0.08 Inch - Compliant
**USES**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>hotels</td>
<td>![Hotel Icon]</td>
<td>public spaces</td>
</tr>
<tr>
<td>housing</td>
<td>![House Icon]</td>
<td>airports</td>
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<tr>
<td>bar - restaurants</td>
<td>![Bar Icon]</td>
<td>malls</td>
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<tr>
<td>shops</td>
<td>![Shop Icon]</td>
<td>train stations</td>
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**PACKING**

<table>
<thead>
<tr>
<th>article</th>
<th>carton</th>
<th>pallet</th>
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<tbody>
<tr>
<td></td>
<td>pcs.</td>
<td>sf</td>
</tr>
<tr>
<td>filed tile 6x24&quot;</td>
<td>16</td>
<td>15,93</td>
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<tr>
<td>bullnose 3x24&quot;</td>
<td>12</td>
<td>5,81</td>
</tr>
</tbody>
</table>
100% REUSE OF UNFIRED TILES
Crude waste generated by the process is reintegrated in the production cycle with no costs for the environment. This contributes to the safeguard of natural resources.

100% RECYCLING OF THE FIRED TILES (used as inert supports)
All the waste-fired tiles generated by the process are recycled from the building industry as inert supports for road subsoils and foundations, reducing the use of new natural resources.

100% RECYCLING OF NON CERAMIC WASTE
Is differentiated and recycled in other production cycles.

100% WATER RECYCLING
The water used in the production process is 100% recycled. The water demand is reduced by about 60% by this mean. No industrial water is discharged in the ecosystem.

LOW EMISSION IN THE ATMOSPHERE
The high quality of the technology used keeps low emissions in the atmosphere.

METHANE CONSUMPTION ARE HIGHLY REDUCED
By the use of up to date technologies and customized installations.

LEA CERAMICHE PACKING MATERIAL IS 100% RECYCLABLE
(Carton boxes, plastic packaging materials, wooden pallets, straps, etc.).
LEED CREDITS

- **RECYCLED CONTENT, Sections MR Credit 4.1 and MR Credit 4.2** - *2 LEED points*
  Vivaldi is produced with 40% of pre-consumer recycled materials.

- **REGIONAL MATERIALS, MR Credit 5.2** - *2 LEED points*
  These Credits are granted if the use of local raw material is equal to 20% of the total value of the raw materials.

- **HEAT ISLAND EFFECT (Non roof), SS Credit 7.1** - *1 LEED point*
  Vivaldi doesn’t contribute to change the energy balance of the environments where installed.
  It doesn’t produce any Urban Heat Island Effect, thanks to its very good physical properties Solar Reflectance Index SRI ≥ 29.

- **OPTIMIZE ENERGY PERFORMANCE, EA Credit 1** - *1-10 LEED points*
  Thermal conductivity $\lambda$ of Vivaldi (Porcelain tile) is 0.75 Btu/ft h °F (1.3 Watt/m°K or 1.1 Kcal/m h °C). For this reason it’s particularly indicated for heating floors systems and ventilated curtain walls.

- **LOW EMITTING MATERIALS, EQ Credit 4.2** - *1 LEED point*
  No traces of VOC (Volatile Organic Compounds) are present in Vivaldi tiles.

These environmental standards guarantee excellence in terms of:
- **safeguard** of the environment
- **continuous** improvement of the environmental performances of Vivaldi and of the manufacturing sites
- **healthcare** of Lea Ceramiche’s workers and customers

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Lea Ceramiche
is a member of the U.S. Green Building Council:
this is an organisation that promotes buildings that are environmentally responsible, profitable and healthy places to live and work.

Vivaldi is produced with 40% of pre-consumer materials, as certified by a qualified external company (certificate available on the website www.ceramichelea.com).