Porcelain Floor & Wall Tile

High Definition Porcelain

GRANDEUR

floridatile
HDP HIGH DEFINITION PORCELAIN

BY flordatile

Grandeur HDP by Florida Tile is another beautiful series to bear the HDP symbol of High Definition Porcelain. Created to signify a revolutionary new product category, HDP utilizes the most technically advanced glazing system in the industry today, digital printing. Like the technology that changed the television industry, High Definition Porcelain brings you the most realistic image possible, except it is on a tile.

Much like the picture on your television screen, the graphics on tiles are made up of millions of small dots of color. The smaller the dots, the higher the definition. In the 80s, most manufacturers used silk screens to apply glazes. The resolution was low and each set of silk screens produced only a single color pattern. Tile had to be rotated during installation or it was immediately obvious that every piece looked the same. The Roto-color process was a huge step forward in the 1990s and allowed for a pattern that wouldn't be repeated for 20-30 tiles.

Digital technology uses 500 injectors to print with greater variety and less repetition in the overall pattern. This process allows for a production pattern that is not exactly repeated for 180 ft. This is 8 times the variation of a conventional Roto-color machine and a far better resolution. Today, with the advances in glazing technology, High Definition Porcelain utilizes a digital printing process pioneered in inkjet printers. This is a huge leap forward in both resolution and pattern variation, creating a porcelain tile that is virtually indistinguishable from natural stone.

Digital printing is done without direct contact with the surface of the tile, the glaze is sprayed on. This removes the unprinted edges known as framing and the unglazed valleys that are often created with the Roto-color process. Digital printing technology also allows for the creation of low relief patterns, hand made effects, fabric looks and mosaics. Trim shapes like Cove Base and Chair Rails can be made with the same process as the floor and wall tile. The digital process can also reproduce the look of rustic stones, marble and slate without the complexity of filling, honing or double pressing.

While this concept is simple in theory, it has taken decades of painstaking work to bring the technology from the research and development laboratories to the production line. Continuing to be an innovator in the industry, Florida Tile is the first manufacturer to bring this technology to the United States.

Another benefit that Florida Tile always strives for is the continual reduction of waste and reducing the environmental impact of its manufacturing facility. Digital Printing is extremely low maintenance and incorporates an automated self cleaning system. The machine also recycles unused ink and produces no waste, creating a more efficient production process.

While the look is what draws your eye, High Definition Porcelain products from Florida Tile combine the best of both worlds, a rugged and low maintenance tile that looks just like natural stone. One look at the Grandeur HDP series and you will know immediately that you have never seen anything so real in a manufactured product. High Definition Porcelain from Florida Tile.

Shown on Front: P25801 8.5x17 Imperial Ivory Polished, P25801/L2.4x8.5 Regal Imperial Ivory, 25803 12x12 Magnificent Ivory
Shown: P25801 8.5x17 Imperial Ivory Polished, P25801/L2.4x8.5 Regal Imperial Ivory, 25803 12x12 Magnificent Ivory

Natural

25803 12x12 Magnificent Ivory
25803 18x18 Magnificent Ivory
25803/M12 Magnificent Ivory
25803/M1x4 Magnificent Ivory
25803/L3.25x9 Stately Magnificent Ivory
25803/L3x9 Finesse Magnificent Ivory

Polished & Rectified 8.5x17 & 17x17

P25801 17x17 Imperial Ivory Polished*
25801/CRx2x8.5 25801/CRS2x1 Magnificent Ivory Chair Rail & Stop
25801/2.4x8.5 Regal Imperial Ivory

25803 9x18 Magnificent Ivory
25803/CR2x9 25803/CRS2x9 Magnificent Ivory Chair Rail & Stop
25809/L2.5x9 Splendid Ivory Honey

*Polished should not be used on the floor in wet areas. The polished surface has a low coefficient of friction.
Shown: 25826 9x18 Elegant Amber, 25826/L3.25x9 Stately Elegant Amber, 25826 18x18 Elegant Amber, 25826/M1x4 Elegant Amber
Shown: 25848 18x18 Rich Honey

Natural

25848 12x12 Rich Honey
25848 18x18 Rich Honey
25848 9x18 Rich Honey
25848/CR2x9 Rich Honey Chair Rail & Stop
25848/CRS2x1 Rich Honey Chair Rail & Stop
25899/L2.5x9 Splendid Ivory Honey

Polished & Rectified 8.5x17 & 17x17

P25848 8.5x17 Rich Honey Polished*
P25848/CR2x8.5 Rich Honey Chair Rail & Stop
P25848/CRS2x1 Rich Honey Chair Rail & Stop

P25848 17x17 Rich Honey Polished*
P25848/MR1x8.5 Regal Rich Honey
P25848/2.4x8.5 Regal Rich Honey

*Polished should not be used on the floor in wet areas. the polished surface has a low coefficient of friction.
Shown: 25894 9x18, 12x12, 18x18 Refined Brown

Natural

25894 12x12
Reined Brown

25894 18x18
Reined Brown

25894/CR2x9
Reined Brown

25894/CRS2x1
Reined Brown

25894 9x18
Reined Brown

25894/M12
Reined Brown

25894/M1x4
Reined Brown

25894/L3x9
Finesse
Reined Brown

25894/L2.5x9
Splendid
Reined Brown

25894/L3.25x9
Stately Refined Brown

Chair Rail & Stop
Typical Uses

Grandeur® porcelain tile is ADA compliant and appropriate for all residential and most commercial floor applications. Grandeur® Polished & Rectified should not be used on the floor in wet areas. The polished surface has a low coefficient of friction.

<table>
<thead>
<tr>
<th>Typical Properties ' (Floor)</th>
<th>ASTM</th>
<th>ANSI</th>
<th>Natural</th>
<th>Polished</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coefficient of Friction '</td>
<td>C-1028</td>
<td>Varies</td>
<td>Dry 7</td>
<td>Dry 7</td>
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<tr>
<td>Durability Classification '</td>
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<td>Class IV</td>
<td>Class IV</td>
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<tr>
<td>Glaze Hardness</td>
<td>N/A</td>
<td>6 Mohs</td>
<td>4 Mohs</td>
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<tr>
<td>Break Strength</td>
<td>C-648</td>
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<td>300 lbs.</td>
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<tr>
<td>Water Absorption</td>
<td>C-373</td>
<td>&lt;0.5%</td>
<td>&lt;0.5%</td>
<td>&lt;0.5%</td>
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<tr>
<td>Thickness</td>
<td>9mm</td>
<td></td>
<td>(All Sizes)</td>
<td></td>
</tr>
</tbody>
</table>

1 These values vary from lot to lot.
2 Dry & Wet values from independent test laboratory.
3 Class I Light Traffic Areas, Class II Light Medium Traffic Areas, Class III Medium Heavy Traffic Areas, Class IV Heavy Traffic Areas, Class IV+ Extra Heavy Traffic Areas (High resistance to scratches and stains)

Color Variations

Color reproductions in this printed piece may vary from actual tile colors. Final selection should be made from actual tile samples.