Through Body Porcelain Floor & Wall Tile
Stellar® 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 Stellar® 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: 25750 12x24 Nova, 25778/L1.25x12 Nebula Warm
Shown: 25760 24x24 Zenith

25760 18x18
Zenith

25760 12x24
Zenith

25760 24x24
Zenith

25756/L1.25x12
Nebula Cool

25757/L2x12
Comet Cool

25760 P36C9 & P83169
Zenith Cove Base & Corner

25760/RSP12x24
Zenith

25760/M12
Zenith
Shown: 25770 12x24 Helio, 25770/RSP12x24 Helio

25770 18x18 Helio
25770 12x24 Helio
25770 24x24 Helio

25778/L1.25x12 Nebula Warm
25779/L2x12 Comet Warm
25770 P36C9 & PB3169 Helio Cove Base & Corner
25770/M12 Helio

25770/RSP12x24 Helio
Shown: 25780 24x24 Meridian, 25757/L2x12 Comet Cool
Typical Uses

Stellar®HDP through body porcelain tile is ADA compliant and appropriate for all residential and commercial wall & countertop applications, residential and most commercial floor applications.

This Florida Tile product will contribute to USGBC LEED points and the ANSI approved NAHB Green Building Points.

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)

<table>
<thead>
<tr>
<th>Typical Properties</th>
<th>ASTM</th>
<th>ANSI</th>
<th>Results 18x18</th>
<th>Results 24x24</th>
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<tbody>
<tr>
<td>Coefficient of Friction</td>
<td>C-1028</td>
<td>Varies</td>
<td>Dry 0.8</td>
<td>Dry 0.8</td>
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<tr>
<td></td>
<td></td>
<td>Wet 0.6</td>
<td>Wet 0.6</td>
<td>Wet 0.6</td>
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<tr>
<td>Durability Classification</td>
<td>C1027</td>
<td>N/A</td>
<td>Class IV</td>
<td>Class IV</td>
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<tr>
<td>Glaze Hardness</td>
<td>Mohs Scale</td>
<td>N/A</td>
<td>6.0 Mohs</td>
<td>6.0 Mohs</td>
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<tr>
<td>Deep Abrasion</td>
<td>Mohs Scale</td>
<td>N/A</td>
<td>&lt;145mm³</td>
<td>&lt;145mm³</td>
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<tr>
<td>Break Strength</td>
<td>C-648</td>
<td>250 lbs.</td>
<td>425 lbs. avg.</td>
<td>700 lbs. avg.</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></td>
<td>9mm</td>
<td>10mm</td>
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1 These values may vary from lot to lot.
2 These values are based on actual sizes including the grout joint.

Field Tile

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Metric (cm)</th>
<th>Pcs./Sq Ft</th>
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<tbody>
<tr>
<td>18&quot; x 18&quot;</td>
<td>45x45</td>
<td>.44</td>
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<tr>
<td>12&quot; x 24&quot;</td>
<td>30x60</td>
<td>.5</td>
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<tr>
<td>24&quot; x 24&quot;</td>
<td>60x60</td>
<td>.25</td>
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Trim

<table>
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<tr>
<th>Name</th>
<th>Shape</th>
<th>SKU</th>
<th>Nominal Size</th>
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</thead>
<tbody>
<tr>
<td>Bullnose</td>
<td></td>
<td>P44N9</td>
<td>4&quot;x42&quot;</td>
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<tr>
<td>Cove Base</td>
<td></td>
<td>P36C9</td>
<td>6&quot;x12&quot;</td>
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<tr>
<td>Cove Base Corner</td>
<td></td>
<td>PB3169</td>
<td>6&quot;x1&quot;</td>
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</table>

Color Variations

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

V2 = Slight Variation
Distinguishable differences in texture and/or pattern with similar colors