

Della Terra Porcelain Slabs, manufactured using advanced Continua+ rolling technology, offer superior quality, flatness, and ease of handling compared to other well-known brand technologies in the market, such as traditional pressed slabs, and sintered stones that use pressed and/or high-fired alternative manufacturing methods.

Many fabricators who have experienced brittleness, uneven density, or warping with other porcelain slabs produced by other technologies will benefit from the consistent density and uniformity provided by our roll-compaction process. This innovation minimizes internal stress, enhances durability, and massively reduces brittleness, making Della Terra Porcelain Slabs a reliable and superior choice for fabrication and installation.

INTERIOR APPLICATIONS

Shower Walls, Steam Showers, and Sauna Walls

- **Steam Showers:**
 - Resistant to heat and moisture, ensuring long-term durability without degradation.
- **Sauna Walls and Benches:**
 - Withstands high humidity and temperature fluctuations without warping or damage.
 - Non-porous material resists mold, bacteria, and moisture absorption, unlike many traditional finishes.
- **Standard Showers:**
 - Large-format slabs offer a sleek, grout-free installation.
 - Resistant to mold, mildew, and soap scum, ensuring minimal maintenance and a luxurious look.
- **Shower Niches and Benches:**
 - Custom-cut porcelain slabs for seamless integration in shower niches or benches, offering durability and a refined appearance.

Vanities

- Durable and elegant surfaces for bathroom vanities.
- Resistant to stains and scratches, maintaining their pristine look over time.
- Ability to match materials in the shower and bathroom floor for a cohesive design.

Kitchen Countertops and Backsplashes

Porcelain slabs are an exceptional choice for kitchen countertops and backsplashes, offering both functionality and aesthetic appeal:

- **Heat-Resistant:**
 - Can withstand high temperatures, performing well in hot environments without risk of thermal damage.
 - *Note:* While porcelain is heat-resistant, we recommend using trivets for cookware to avoid potential scratches and maintain its pristine finish.
- **Non-Porous and Hygienic:**
 - The surface is completely non-porous, making it resistant to stains, bacteria, and mold—perfect for food preparation and maintaining a hygienic kitchen environment.

- **Scratch-Resistant with Care:**
 - Though highly resistant to scratches from regular use, care should be taken to avoid sharp or heavy impacts. Using cutting boards is recommended to preserve the surface and protect your knives.
- **Low Maintenance:**
 - Unlike natural stone, porcelain slabs require no sealing and are easy to clean with simple, neutral household cleaners, ensuring long-term convenience.

Fireplace Surrounds

- Can withstand high temperatures without cracking or discoloration.
- Available in a variety of finishes to mimic natural stone or other materials for a high-end aesthetic or feature wall.

Interior Wall Cladding

- Decorative wall panels for living rooms, offices, or commercial spaces, offering a modern, seamless finish with minimal maintenance.

OUTDOOR APPLICATIONS

Building Façades and Cladding

- **Building Sides and Architectural Panels:**
 - Ideal for exterior cladding, offering weather resistance and UV stability.
 - Lightweight yet durable, reducing structural load and simplifying installation.
 - Available in large formats for a clean, modern, and seamless architectural look.
- **Accent Walls and Privacy Screens:**
 - Perfect for creating striking focal points on exterior structures or durable, stylish privacy partitions.

Outdoor Kitchens and BBQ Surrounds

- Exceptional for outdoor kitchen units and BBQ enclosures.
- Resistant to heat, direct sun, stains, and the elements, ensuring they maintain their appearance over time.
- Resistant to moisture, chlorine, and saltwater, making them long-lasting in outdoor settings.

Outdoor Furniture

- Durable material for custom furniture like dining tables, benches, or countertops for patios and gardens.

COMMERCIAL APPLICATIONS

Retail and Hospitality Surfaces

- Long-lasting, low-maintenance materials for countertops, feature walls, and cladding applications.
- Elevator Interiors
- Lightweight panels that are durable, scratch-resistant, and easy to clean, making them suitable for high-use areas.

Healthcare and Laboratory Surfaces

- Non-porous, stain-resistant material ideal for hygienic environments like laboratories or medical facilities.

Custom Furniture

- Unique designs for dining tables, coffee tables, or desks, combining elegance with durability.
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Key Benefits for All Applications

- **No Sealing or Periodic Maintenance:**
 - Unlike many natural stones, porcelain requires no sealing, polishing, or special upkeep.
- **Durability:**
 - Scratch-resistant, stain-resistant, and impervious to water and chemicals.
- **Versatile Design Options:**
 - Available in a wide range of finishes, textures, and patterns, including options that mimic natural stone, wood, or concrete.
- **Sustainability:**
 - Made with eco-friendly processes and materials, contributing to sustainable building practices.

Porcelain slabs are a highly versatile, durable, and stylish material suitable for nearly every imaginable application, indoors or out.

DESIGN FEATURES**Book matching**

Many Della Terra Porcelain Slabs are designed for book matching, allowing for stunning, continuous patterns across adjoining slabs. Book matched options are labeled in the price list and reflected in P21 with "A" and "B" designations. A brochure showcasing applicable colors and book matched layouts will assist in planning and design. These slabs are crafted for horizontal book matching, ideal for seamless designs.

To maintain inventory balance, customers purchasing a single slab will not select between "A" or "B"; our operations team will allocate slabs accordingly.

Color Body Design

Della Terra Porcelain Slabs feature a color body design, creating an elegant and visually cohesive finished edge. While not fully through-bodied like quartz or natural stone, this design ensures a premium appearance for visible edges.

EDGE FINISHING AND DETAILS**Edge Options**

- Available edge options include traditional eased, beveled, and mitering.
- Mitered edges with micro-beveling are preferred for their aesthetics and durability.
- All edges should have a micro-bevel or a 1 mm round to soften the edge and prevent chipping.

Sink Cutouts

- Exposed edges inside sink cutouts should be finished with a micro-bevel or softened using grinding tools to prevent chipping.

- Sink cutouts should have rounded corners with a minimum radius of ¼ inch (6 mm) to distribute stress and avoid cracking.
- This radius is recommended for all 90-degree corners, including L-pieces, to minimize stress concentration.

Shower Surrounds

- Edges for shower surrounds can be finished using Schluter profiles or standard finished edge details for a clean, modern look.

INSTALLATION CONSIDERATIONS

Overhangs and Subtops

- Della Terra Porcelain Slabs can be installed directly over cabinets with proper bracing.
- Using a non-expansive subtop, such as SAFEBOARD™, aluminum backer boards, or rated foamboard, is necessary for laminated – mitered installations.
- These materials provide rigidity, moisture resistance, and prevent warping.
- Unsupported overhangs should not exceed 8 inches beyond a cabinet, subtop, or corbel.
- For installations with minimal cabinet support, large cutouts, or farm sinks, additional reinforcement may be required.

Waterfall Installations

- Suitable for waterfall installations but should be used only on mitered edges to ensure a premium result.
- Slabs must be fully boxed, with double-slabbing on the front and back, to achieve consistent thickness and finish on both sides of the waterfall.
- A shadow gap against the wall is recommended to absorb vibrations and ensure structural stability.

Design and Size Options

- Della Terra Porcelain Slabs are available in 126 x 63 inches.
- Proper de-tensioning cuts are essential for fabricating these non-rectified slabs to ensure precision and structural integrity.

SEAMING AND REPAIRS

Seam Installation

- Della Terra Porcelain Slabs can be seamed using locally sourced, color-matched epoxies available from slab fabrication equipment vendors.
- These epoxies blend with the slab's surface color for a durable, professional finish.

Handling and Delivery

- Della Terra Porcelain Slabs will be handled and delivered in the same manner as our quartz and natural stone offerings.
- Fabricators must transport and store slabs on A-frames, ensuring they are securely fastened to prevent movement and damage.

- Precautions should be taken during transport and installation to prevent scratching or damage from slab-to-slab contact.

MAINTENANCE AND CLEANING

Information is available via our Della Terra Porcelain Slab maintenance guideline document.

FABRICATION AND INSTALLATION

Information is available via our Della Terra Porcelain Slab fabrication and installation guideline document.
