

mont[®] surfaces



Granite | Marble | Engineered Quartz | Porcelain Slabs | Precious Stone
Natural Quartz | Quartzite | Onyx | Soapstone | Travertine

mont
surfaces[®]
By  MONTGRANITE, INC.

MontSurfaces.com



Designed for your life!



Step into a Mont Surfaces Design Center and Surface Viewing Center and enter an extraordinary world surrounded by breathtakingly beautiful surfaces in natural stone, engineered quartz, porcelain and precious stone. Whether you desire a dramatic granite kitchen countertop, a warm and inviting porcelain fireplace surround or an elegant engineered quartz master bath vanity top, Mont Surfaces has a surface that reflects your distinctive tastes and defines your individual lifestyle.

Mont Surfaces showcases over 400 unique surface varieties. Our tremendous inventory includes colors and patterns ranging from simply traditional to lavishly exotic to exclusively rare and precious. We maintain an extensive slab inventory at each of our stunning Design Centers.

With over 29 years in the surface industry, Mont Surfaces' knowledgeable and courteous associates have the experience to guide you through the exciting material selection process. We communicate and coordinate all necessary information and serve as the liaison between you and your other industry contacts as needed.



MontSurfaces.com



Colors that inspire
Creativity!

Mont Surfaces is a wholesale supplier of fine surfaces. Visit our Design Center and Indoor Surface Viewing Center to view hundreds of dazzling surface options. (open to the general public)

Granite, Marble, Engineered Quartz,
Porcelain Slabs, Precious Stone, Natural Quartz,
Quartzite, Onyx, Soapstone, Travertine



MontSurfaces.com



mont's core values

customer
focus
seek
knowledge
practice
embrace **change** + innovation

earn
trust
communicate

share
expertise
applaud **courage** + creativity
uphold
highest
standards
listen

think
BIG
be
passionate

We Value YOU – Our Customer!

Mont's mission statement is the guiding set of principles and ideas that are understood and supported by the entire Mont Team. It is our basis for making daily decisions and the solid expression of Mont's vision and values. Surface selection perfected through the best possible service, assortment, quality, value and a high dedication to customer satisfaction.

Our Collections

Granite, Marble, Engineered Quartz
Porcelain Slabs, Precious Stone, Natural Quartz
Quartzite, Onyx, Soapstone, Travertine

Welcome to mont surfaces

With our ever-changing inventory, Mont Surfaces offers you surfaces that can't be found anywhere else. We travel the world to ensure that your surface selection will be unique, personal and timeless for your specific project. Thank you for choosing Mont Surfaces for your surface needs.



Mont Surfaces Corporate Center

Indoor Surface Viewing Center



The **mont** experience

Step1: Check-in Process

As you enter Mont, you will be checked into our Surface Information Management System (SPS). This information allows us to properly identify and assist you in selecting the perfect surface for your project. After making your surface selection, your detailed information will be relayed to your industry trade professional. They, in turn, provide you with pricing and other specifics necessary to complete the fabrication and installation of your project.



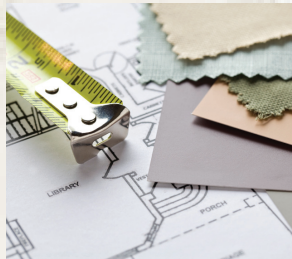
Step2: Tour our Facility

All of our state-of-the-art Design Centers and Indoor Surface Viewing Centers boast the largest selection of materials showing finished surface applications. We highly recommend you pick up the Mont Visit Planner and browse our Design Center. Once you have toured the Design Center, you are ready to enter the Indoor Surface Viewing Center. Here you will begin reviewing surface varieties for your project. Our Indoor Surface Viewing Centers are heated and lit to match natural daylight and designed to display our materials to make viewing as easy as possible. Mont Design Centers and Indoor Surface Viewing Centers offer you the opportunity to view applications and surface slabs with varying colors, designs and hues.



Step3: Bring Samples

We suggest you bring samples of your wall coverings, flooring, cabinetry and upholstery. This will help you identify the best stone for your project. Also, please bring your camera. Taking photos of your slab selections will assist you in your decision process.



Step4: Safety Policy

While visiting Mont, your safety is of utmost importance to us. We thank you in advance for your understanding of our policy as we want to ensure the safety of all of our visitors.

- Children 12 and under are not permitted in our working warehouse at any time and should not be left unattended in the Design Center.
- Mont warehouses are set up to ensure that slabs are securely displayed. Only trained personnel are permitted to move the slabs. Please do not attempt to move any slabs.



Step5: Selection Process

The next step is very exciting as you begin the selection process to find the unique surface that will be perfect for your project. Enter the Mont Indoor Surface Viewing Center and take in the view of hundreds of full-size slab varieties. Take a moment to consider your lifestyle. Ask yourself if you would prefer natural stone, engineered quartz, porcelain or precious stone. Decide on neutral or bright color tones. Knowing your preference will help make your decision process easier.



Mont keeps an ever-changing inventory, allowing you the largest selection where you can hand select surface slabs for your project. Slab surfaces are easily identified by marked locations on frames and material signs.

Be sure to pick up your Mont Visit Primer to make the most of your visit!

Step6: Decision Process

After viewing our extensive inventory, you may feel overwhelmed and find it difficult to make a final decision. Our trained and supportive sales team recognizes that you have entrusted Mont to assist you. We are here to help you through the process in every way possible. Many visitors come back to our facility several times before making their final selection.



Once your decision is made, please note the following:

- Slabs are placed on hold for a maximum of 14 days.
- Your industry trade professional is notified of your selections.
- Upon receiving a purchase order from your industry trade contact, Mont will deliver your selected materials for fabrication to your chosen contractor.
- If for some reason the 14-day time period is close to expiration, your trade professional will be contacted prior to the slabs being removed from hold and returned to our inventory for sale to other visitors.
- When you have confirmed your material selection, we highly recommend you follow up with your industry professional to order and take delivery of the selected materials before the 14-day time period elapses. This ensures that you will receive the slabs you have hand-selected.

Step7: Finalize Project

- All materials are listed under pricing categories (A to Z for natural stone, engineered quartz and precious stone) or (1 to 5 for porcelain slabs) which are for your industry professional's reference. Your industry professional will offer pricing to you on each of your material selections. This pricing is based upon your specific project, and Mont does not address pricing of materials. We are strictly a raw material surface supplier.
- All questions should be directed to your Mont Customer Representative or online to info@montsurfaces.com.
- Questions about fabrication, installation and layout of your project should be addressed directly with your industry trade professional.



- Please remember that you are entering a working-warehouse environment and caution should be used.
- Please do not attempt to move any slabs.
- We do not move slabs for viewing that are "on hold" for another customer.
- There are limitations to the number of selections that can be moved. Please see your sales associate.
- We do not call the homeowner before "on hold" slabs are released. It is up to your industry professional to coordinate the delivery date and to send a purchase order to Mont before your 14 day hold period has expired.
- We notify your industry professional multiple times before your 14 day hold period has expired.

Mont Surfaces Terms:

Tagging Materials: Reserve slabs with no obligation.

Hold Policy: Material reserved up to a maximum of 14 days.

Lot Numbers: Material is individually identified by Lot and Slab numbers on the barcode sticker located on the side of the slab.

A-Z and 1-5 Categories: Pricing Guidelines used by Mont to offer customers lowest (A) to highest (Z) for natural stone, engineered quartz and precious stone and lowest (1) to highest (5) for porcelain slabs. Please refer to your industry professional for actual pricing.

Natural Stone Collection

Mont's natural stone collection offers a wide variety of surfaces, shades, colors and textures including granite, marble, onyx, natural quartz, travertine, quartzite and soapstone. Natural stone is a unique work of art in your home, and each application is distinctive and one-of-a-kind.

Because of its durability, granite and natural quartz are great for heavily used surfaces such as kitchen countertops. Available in every color imaginable, granite has become one of the most popular stones on the market.

Marble is ideal for bathrooms, formal floor applications, wall areas, fireplace surrounds and vanity tops. Ease of care, beauty and elegance make it a top choice for homeowners.

Travertine is a type of limestone that is very popular for interior and exterior wall cladding as well as flooring applications.

Because of its translucence, onyx can be backlit, creating an intriguing look for your home or business such as wall or bar areas.

Soapstone is a popular granite or marble alternative for homeowners who want something a little different such as hearth and tabletop applications.



Mont Quartz Collection

Unique in its brilliancy, depth, movement, color and clarity, Mont Quartz has been custom-designed to appeal to a wide array of contemporary styles and is offered in marble and granite patterns.

Mont Quartz is available in half slabs for smaller projects such as bathroom vanities and laundry room counters.

We invite you to visit your nearest Mont Design Center and Indoor Surface Viewing Center to personally see full slabs of Mont Quartz.

See the listing of Mont Quartz partners at [MontSurfaces.com](https://montsurfaces.com)



Porcelain Slab Collection

Mont introduces our Porcelain Collection! This man-made, highly engineered surface material features the latest technology and offers a large selection of stunning surface designs. Mont Porcelain is non-porous, scratch, stain and heat resistant, extremely strong and maintenance free. It is ideal for back splashes, countertops, tub and shower surrounds, flooring, wall cladding and fireplace surrounds. Mont's porcelain comes in 118" x 59" slabs, 6mm and 12mm thickness and weigh only 130 and 250 pounds respectively allowing for large, seamless application and continuity between indoor and outdoor uses. Mont's porcelain slabs deliver unique beauty, technology and performance every time!



Precious Stone Collection

The Precious Stone Collection sets the standard for the most advanced technologies and craftsmanship in natural stone. This breathtaking Collection – containing handselected agates, amethyst, petrified woods and other semi precious stones bound in resin – is unrivaled in its artful beauty and exquisite quality. Precious stone slabs present a myriad of styles and unique colors that enable you to decorate your home and commercial spaces such as offices, hotels, restaurants, shops and conference centers with dazzling effects. Your imagination will be ignited by the beauty and magnificence of precious stone slabs.



Multicolor Agate



Blue Agate



Blue Quartz



Classic Quartz



Mont Surfaces and brand ambassador, Susie Frazier, have formed a partnership based upon a shared vision of wellness through “Reflective Design.” By combining Mont’s expertise in the innovative trends of natural stone, engineered quartz and porcelain slabs with Susie’s artistic connection to nature, we are empowering our partners and consumers to cultivate well-being through both commercial and home projects.

Together, Mont Surfaces and Susie Frazier are collaborating around wellness design, lifestyle, and creative surface materials in a way that inspires personal renewal.

Learn more about our partnership at MontSurfaces.com/blog, on Mont’s Facebook, Instagram and You Tube channels and at SusieFrazier.com.



WHY CHOOSE MONT SURFACES?

- With over 29 years of experience, Mont is recognized as a premier supplier of quality surfaces and service.
- We maintain one of the most extensive and unique selections of surface varieties in the market today.





WHY CHOOSE MONT SURFACES?

- Our climate-controlled Indoor Surface Viewing Centers house full-size slabs.
- Custom lighting provides the best viewing of surface colors.
- Wide aisles are maintained, and slabs are organized by surface, lot numbers on frames and properly marked for ease of selection.



WHY CHOOSE MONT SURFACES?

- Beautiful Design Centers display unique and timeless finished applications.
- Trained personnel are available to assist in the perfect surface selection for your project.

Color Your World

Getting off to the right start

As our lifestyles change and our family dynamics evolve, so do our homes. Gone are the days of formal, segregated spaces such as “living rooms.” Today’s homeowner looks for open floor plans with kitchen/family room combinations. These contemporary spaces are multi-functional and embrace togetherness, casual living and entertaining. With endless surface selections, you are sure to find endless possibilities to create your ideal lifestyle.

Kitchen Design is Essential in Homes:

- Today the kitchen is much more than a place where you cook meals; it’s become a gathering space for family and friends.
- Kitchens today have become functional areas with multi-height counters and islands.
- The combination of traditional kitchen design with contemporary decorating ideas and colors are blended together to create old world charm with new technology.
- Fusions of styles like eclectic and retro kitchen design ideas create exciting, unique and personalized kitchens.
- Today’s hottest countertops are showing more colors, textures, patterns and heavily-veined looks that add drama and a visual focal point to the kitchen.
- The decorative elements that are strong right now include natural finishes like wood and stone but are complimented by glass and shiny metallics. LED lights, pendant lamps, torchieres and modern chandeliers create impressive modern kitchen interiors that feel luxurious and charming.

Kitchen design is continuing to be the front-runner of focus in homes.

10 things to consider for kitchen renovation

- Develop a budget based on the most expensive purchases which will include countertops, cabinetry, appliances, flooring (if replacing) and general labor.
- Educate yourself on the differences in “stock” cabinets versus “semi-custom” cabinets.
- Learn about the upcoming lighting changes and regulations from a qualified lighting designer or licensed electrician (i.e. new lighting options using energy-efficient LED’s).
- Stone, porcelain, engineered quartz and precious stone surfaces have become very popular so investigate the newest selections.
- Learn from a professional kitchen designer what re-designing the layout of your kitchen could look like (upgrading materials become a better investment if your space is functional and has a fresh, updated look).
- Don’t forget to consider how you’d like people to be seated in your kitchen, since kitchens have become the new “living room.”
- Learn about your indoor air quality when renovating this area of your home. Research ventilation and air exchange.
- If you are remodeling “in phases,” consult with professionals as to what makes the most sense in replacement items so that unnecessary labor is not repeated.
- Learn about the very latest in all products for the kitchen; be interested in how products can SOLVE your problems, not create more!
- Keep records of what interests you in kitchen design... from the Houzz website to local home shows, including tagging all those “inspiration pics” in magazines. This can help you move your project along in making your dream kitchen a reality.

Porcelain is beautiful, extremely strong, versatile, easy to install, technologically advanced and maintenance free.

Engineered Quartz is available in a range of patterns and surface effects in colors that inspire creativity.



6 Top Remodeling Mistakes for the Kitchen & Bath:

- Ignoring traffic patterns.
- Not updating lights. Consider LED lighting.
- New countertops on old cabinets. Replace cabinets with current style and color at the same time.
- Remodeling in the wrong order. Look at the total package even if the purchases are in the future.
- Not venting properly in the kitchen and bath areas.
- Unrealistic budget. Unless homeowners are willing to do much of the labor themselves, their budget should reflect qualified trade labor wages. Stone counter surfaces, cabinetry and appliances differ widely in costs. Do your research.

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Frequently asked questions

Natural Stone

Q. How do I choose the type of stone that's best for my project?

- A.** Each natural stone has unique characteristics and maintenance requirements. It depends on your lifestyle and the application of the material, as some types of stone may be more suitable than others.

Q. Can granite scratch?

- A.** It is always possible to scratch a surface, even a diamond, if it is subjected to sufficient force. However, granite is an extremely hard surface and will not scratch under normal use.

Q. Why is one particular color of natural stone more expensive than another?

- A.** The price of natural stone is based on its availability – the lesser the supply the higher the cost. The color, availability and movement of the stone determine the price.

Q. Are stones from certain countries considered better than others?

- A.** Natural stone is produced by nature the same way regardless of geographic origin. The finishing and manufacturing process reveals the remarkable beauty of natural stone.

Q. Is it better to get a lighter color than a darker color?

- A.** The color and shade is strictly a matter of taste and what best suits your lifestyle. Dark and light colors are comparable in quality.

Q. Isn't natural stone expensive?

- A.** As quarry and manufacturing technologies improve, the cost of natural stone has become more affordable and is comparable to other solid surface materials. Marble and granite, in particular, have reduced in price in recent years. Natural stone is durable and maintains its value in the long term.

Q. Are more expensive stones better?

- A.** The price of stone depends on the capacity of the quarry and its production volume. The higher the production, the less expensive the price.

Q. Why should I choose natural stone for my house?

- A.** Natural stone is unique and creates a one-of-a-kind environment in your home. Natural stone dramatically transforms any room or outdoor space. Its natural beauty and durability make it an excellent investment.

Q. Where in my house can I use natural stone?

- A.** Almost anywhere from flooring, kitchen countertops and backsplashes, bathrooms, vanity tops, shower enclosures, tub surrounds, wall cladding, pools, patios, fireplaces and outdoor living spaces. Natural stone can be cut-to-size for almost any space inside or outside your home.

Q. Can granite stain?

- A.** About 90% of all our granites are resin treated at the quarry. As added protection from staining, the granite surface should be sealed. Most stains that do occur in granite can be removed. Please check with your industry professional for more information.

Q. Will granite chip or crack?

- A.** While granite is one of the most durable surfaces no material is indestructible. You should not drop very heavy, hard objects onto your countertop, and although it may seem obvious, you shouldn't stand on granite countertops either.

Q. Will I see the seams in my countertop?

- A.** The natural stone industry standard is a seam width of 1/16 of an inch. There is a maximum lippage (amount one piece will protrude above another) for the industry of 1/32 of an inch at the center point of the countertop with no lippage at the ends.

Q. Can I cut on my granite countertop?

- A.** Yes, however, you will quickly dull your knives. On the MOH (measure of hardness) scale, a diamond receives the highest ranking of 10, granite scores between 6-9 and a stainless steel kitchen knife ranks at 5.5.

Q. Can I place hot pots on my granite countertop?

- A.** While granite can withstand heat, the use of trivets or mats is recommended.

Q. Can I use marble for my kitchen countertop?

- A.** Although it can be sealed, marble is much more porous than granite making it susceptible to staining in heavy use areas such as kitchens. Marble is much softer than granite, increasing the likelihood of scratching and chipping under frequent use. Further, the mineral composition of marble can react with certain acidic products like citrus juice, red wine and vinegar causing the polished finish to etch.

Q. Is granite a hygienic surface?

- A.** Bacteria require several things in order to thrive and grow: oxygen, sunlight, water, nutrients and a substrate on which to form. The minerals found in granite are toxic to most bacteria. As a result, granite is not a habitable environment for bacteria to live and grow. The Natural Stone Institute of America has conducted independent research on bacteria growth on all countertop materials. Granite ranked first in cleanability and was second only to stainless steel in inhibiting bacteria growth.

Q. Should I be concerned about radon in my stone countertops?

- A.** No. None of the research studies of granite countertops has ever identified a single stone that possess any significant health threat. There have been numerous and extensive scientific studies conducted, many funded and supervised by the U.S. government, that confirm there is no meaningful risk. Visit naturalstoneinstitute.org for the latest information and studies on radon.

Frequently asked questions

Porcelain Slab

Q. What is the benefit of porcelain?

- A.** Mont porcelain has color consistency that is through the body not just on the surface. Our porcelain is fade, stain and scratch resistant. Because porcelain can withstand high levels of heat, it is a valuable choice for countertops and fireplaces. Maintenance is simple with mild detergent and clean water.

Q. Is porcelain stain resistant?

- A.** Yes and can easily be cleaned with a mild cleanser and damp cloth or sponge.

Q. Can porcelain be used in an exterior application?

- A.** Yes. Mont porcelain slabs are rated frost-proof and can be used for exterior applications. Our porcelain slabs are pressed under higher pressure and fired at higher temperatures than ceramic. This gives our porcelain an absorption rate of 0.5% or less making it suitable for outdoor applications.

Q. What is the difference between glazed and full-body porcelain surfaces?

- A.** Mont full-body porcelain does not show wear because its color is absorbed through the screening process, making it ideal for commercial applications unlike other glazed surfaces which are coated with a liquid glass and then baked into just the surface of the clay.

Q. What is color-body porcelain?

- A.** Mont features color-body porcelain meaning the color is absorbed through the screening process.

Q. Can I install porcelain on a wood sub floor?

- A.** Yes. A concrete board underlayment should be installed over your wood sub floor prior to the porcelain installation. This will provide the rigidity needed to minimize floor movement so your installation remains stable.

Q. Does using a larger porcelain piece make a room appear larger?

- A.** Yes. Using large porcelain pieces gives any size room a larger feel.

Q. What's the difference between ceramic and porcelain?

- A.** Mont porcelain is made from porcelain clay and fired at a very high temperature, which makes the material stronger and more chip resistant than ceramic. Our porcelain has a water absorption rate of less than 0.5%.

Q. What is a large format porcelain slab?

- A.** A large format porcelain slab is 118 inches long 59 inches high and either 6mm or 12mm in thickness.

Q. What is the weight of porcelain slabs?

- A.** Each slab weighs either 130 pounds for 6mm thick or 250 pounds for 12mm thick porcelain slabs.

Q. For what applications are large format porcelain slabs suitable?

- A.** Large format porcelain slabs are suitable for tub and shower surrounds, backsplashes, flooring, fireplace surrounds, countertops, vertical applications and outdoor living spaces.

Frequently asked questions

Engineered Quartz

Q. What does “virtually maintenance free” mean?

- A.** The non-porous nature of engineered quartz surfaces allows it to be categorized as “virtually maintenance free.” That means it doesn’t need to be sealed, and cleaning the surface with mild detergents and water, or glass cleaner, on a regular basis (follow our Care and Maintenance guidelines) is sufficient to maintain its beauty and shine.

Q. Is it safe to prepare food on a engineered quartz surface?

- A.** Because engineered quartz is non-porous, it is the ideal material for hygienic kitchen countertops. When the countertop is properly maintained, the surface remains virtually bacteria-free for cooking and preparing food. Please refer to our Care and Maintenance page for more information. Note: leaving food residue and chemicals on the surface to air-dry can result in a stubborn stain unless rinsed immediately with water.

Q. Is engineered quartz heat, scratch and stain resistant?

- A.** Engineered quartz is resistant to heat, scratches and stains. Like most surface products, exposure to excessive heat can possibly damage the surface. We recommend the use of a trivet or a hot pad to protect the surface from heated cookware (such as skillets, crockpots and electric grills).

Q. How durable is the engineered quartz surface? Can I use a knife to cut directly on it?

- A.** Due to its natural quartz content, engineered quartz is extremely durable and scratch resistant, but no countertop material is entirely scratch proof. Therefore, you should always use a cutting board and avoid cutting directly on the surface.

Q. Do I need to seal the countertop regularly?

- A.** No, an engineered quartz surface never needs to be sealed.

Q. What is engineered quartz surface?

- A.** An engineered quartz surface combines natural quartz, one of the hardest minerals found in nature, with technologically advanced polymers. The result is a highly durable, highly functional, beautifully designed surface material with enough versatility to transform the look and feel of any home or business.

Q. Can engineered quartz be used for exterior applications?

- A.** The polyester resins are not completely UV stable and engineered stone should not be used in outdoor applications. Continuous exposure to UV can cause discoloration of the surface and breakdown of the resin binder.

Frequently asked questions

Precious Stone

Q. What is Precious Stone

A. Precious Stone surfaces are made from natural, hand-selected semi-precious stones bound with resin to create a dazzling solid surface.

Q. Where can Precious Stone be used?

A. Precious Stone surfaces are ideal for countertops, wall cladding, tub and shower surrounds and even columns.

Q. Where do Precious Stone materials come from?

A. Semi-precious stones are selected for quality and brilliance in various parts of the world and cut into small pieces and placed in special resins to form full slabs of unique beauty.

Q. What do I need to do to maintain my Precious Stone surface?

A. Everyday care is similar to that of engineered quartz. The maintenance is simple and the product does not require sealants or waxes. On a routine basis, wipe the surface with a clean, soft cloth or sponge with a mild, non-abrasive detergent. Rinse with clean water and dry with a soft cloth or paper towel to prevent spotting.

Q. Will Precious Stone stain, chip or crack?

A. Precious Stone is highly resistant to scratching. However, to avoid damage, refrain from using knives, and other sharp objects directly on the surface. Never cut or chop directly on the surface. Always use a cutting/chopping board when preparing foods.

Q. What colors of Precious Stone are available?

A. Mont Precious Stone is currently offered in many unique styles. Precious stone slabs present a myriad of styles and unique colors that enable you to decorate your home and commercial spaces.

Q. Can I get a custom color made?

A. Custom colors are typically only available for large scale commercial orders. Custom colors are made only for jobs requiring 50 slabs or more.

Glossary of common industry terms

Absorption rate - Percentage of moisture absorbed by weight.

Anchor - A metal fastener used for securing dimension stone to a structure.

Antique finish - A finish that replicates rusticated or distressed textures.

Backsplash - The area located between the countertop and lower cabinet. Typically around 18" in height.

Bevel - A sloped surface contiguous with a vertical or horizontal surface.

Book match pattern - A layout in pairs of all stone elements to confirm that the design matches.

Brushed finish - Obtained by brushing a stone with a coarse rotary-type wire brush.

Bullnose - Convex rounding of a stone member, such as countertop edges or stair treads.

Butt joint - An external corner formed by two stone panels with one head.

Calibration - The first step in the finishing process of a stone tile.

Cladding - Non-load-bearing stone veneer used as the facing material in exterior wall construction.

Chiseled edge - A process of mechanically chipping the tile edge, thus giving the stone a rustic, aged appearance.

Coping - A flat stone used as a cap on freestanding walls.

Cross-cut - The process of cutting the initial block of stone parallel to the natural bedding plane. The effect is a mottled or cloudlike appearance.

Cubic stone - Dimension units more than 2" thick.

Cut stone - Finished, dimensioned stone ready to set in place.

Dimension stone - A natural building stone that has been cut and finished to specifications.

Dust pressed - The dust pressed method results in a porcelain that is denser and more durable. The finish is a finer grain and smoother with sharply formed faces. Glazed porcelain slabs are much harder and are more wear and damage resistant. They are excellent for light traffic and heavy traffic.

Eased edge - When referring to a slab material, the square edge profile normally has softened edges as opposed to sharp square edges for added safety.

Engineered stone - A manmade product composed of a blend of natural minerals and manmade agents (such as polyester, glass, epoxy, and other such ingredients). It gives the appearance of a "stonelike" surface, but it does not possess the characteristics of a natural stone.

Epoxy resin - A flexible, usually thermalsetting resin made by the polymerization of an epoxide; used as an adhesive.

Fabricated - Used in reference to dimension stone, it means manufactured and ready for installation.

Face - The exposed surface of stone on a structure.

Filling - A trade expression used to indicate the filling of natural voids in stone units with cements or synthetic resins and similar materials.

Finish - Final surface applied to the face of dimension stone during fabrication.

Fissure - A hairline opening in the face of stone demonstrating stone's natural characteristics; a lineal or non-directional void in the face and crystalline structure of stone that typically is very thin and irregular.

Flamed finish - See thermal finish.

Full body - Full body porcelain slabs carry the color and pattern through the entire thickness of the slab making them virtually impervious to wear and suitable for any application.

Gang saw - A mechanical device, also known as a "frame saw," used to cut stone blocks to slabs of predetermined thickness.

Gauged or gauging - A grinding process to make all pieces of material to be used together the same thickness.

Granite - A very hard, crystalline, igneous rock, composed of feldspar, quartz and lesser amounts of dark ferromagnesium materials.

Hearth stone - Originally the single large stone or stones used for the hearth, now most commonly used to describe the stone in front of the fire chamber and many times extending on either or both sides of the front of the fire chamber.

Honed finish - A satin smooth surface finish with little or no gloss, recommended for commercial floors.

Igneous - Any of the various volcanic rocks, solidified after the molten state, such as granite.

Impregnation - Applying liquid chemicals containing stain inhibitors or sealers that penetrates below the surface of the stone.

Lamination - The gluing of two pieces of stone together to produce an edge that can be shaped to create an aesthetic appearance for countertops.

Leather finish - A surface finish which gives the stone a lightly textured semi-gloss finish.

Limestone - A sedimentary rock composed primarily of calcite or dolomite. The varieties of limestone used as dimension stone are usually well consolidated and exhibit a minimum of graining or bedding direction.

Marble - A metamorphic crystalline rock composed predominantly of crystalline grains of calcite, dolomite or serpentine and capable of taking a polish.

Natural stone - A product of nature. A stone such as granite, marble, limestone, slate, travertine or sandstone that is formed by nature and is not artificial or manmade.

Ogee - A stone molding with a reverse curved edge: concave above, convex below.

Onyx - A translucent, generally layered, cryptocrystalline calcite with colors in pastel shades, particularly yellow, tan, and green.

Overhang - The portion of a stone countertop that cantilevers or extends beyond the cabinet front. The typical overhang for kitchen countertops is 1"-1 1/2". It is normally safe to allow 3cm thick granite countertops to overhang up to 10" without additional support.

Polished finish - A glossy surface finish that brings out the full color and character of the stone.

Porcelain - A ceramic material made by heating materials, generally including clay in the form of kaolin, in a kiln to temperatures between 1,200 °C (2,192 °F) and 1,400 °C (2,552°F). The toughness, strength and translucence of porcelain arise mainly from the formation of glass and the mineral mullite within the fired body at these high temperatures.

Poultice - A chemical paste used to draw a stain from the pores of a stone.

Precious Stone Slabs - Natural, hand-selected semi-precious stones bound with resin to create a solid finish.

Quarry - The location of an operation where a deposit of stone is extracted from the earth through an open pit or underground mine.

Quartz - A silicon dioxide mineral that occurs in colorless and transparent or colored hexagonal crystals or in crystalline masses. One of the hardest minerals that compose stones such as sandstone, granite and quartzite.

Radius - A rounding of the corners of a stone piece. A radius can be applied to a countertop edge profile or to moderate an exposed countertop outside corner.

Random slab - A trimmed slab with a width and length that is not preset but variable within certain limits.

Resined slabs - Stone slabs which have had resin applied during the finishing process. The resin fills any voids in the face of the stone giving the surface a smoother, nearly flawless finish.

Schist - A loose term applying to foliated metamorphic (recrystallized) rock characterized by thin foliae that are composed predominately of minerals of thin platy or prismatic habits and whose long dimensions are oriented in approximately parallel positions along the planes of foliation.

Sealant - 1. An elastic adhesive compound used to seal stone veneer joints. 2. A chemical treatment applied to the face of stone used as a protectant to retard staining.

Shim - A piece of plastic or other noncorrosive, nonstaining material used to hold joints to size and keep the faces of adjacent stones level.

Slab - A lengthwise-cut piece sawn or split from a quarry block prior to fabrication.

Slate - A very fine-grained metamorphic rock derived from sedimentary shale rock. Characterized by an excellent parallel cleavage, and entirely independent of original bedding, slate may be split easily into relatively thin slabs.

Soapstone - A massive talc with a "soapy" feel, used for hearths, tabletops, chemical resistant laboratory tops, stove facings and cladding; known for its stainproof characteristics.

Terrazzo - A flooring surface of marble or granite chips in a cementitious or resinous matrix, which is ground and finished after setting.

Texture - Surface quality of stone independent of color.

Thermal finish - A surface treatment applied by intense heat flaming.

Translucence - The ability of many lighter-colored marbles (onyx) to transmit light.

Travertine - A variety of limestone that is a precipitate from hot springs. Some varieties of travertine take a polish and are known commercially as marble.

Vein - A layer, seam or narrow irregular body of mineral material different from the surrounding formation.

Vein cut - A cut into quarried stone perpendicular to the natural bedding plane.

Thank you...

We appreciate your interest in Mont Surfaces. Our Design Centers and Indoor Slab Showrooms are open to the General Public, and our courteous and knowledgeable associates are always happy to assist you. Please visit us online at MontSurfaces.com for continuous updates, tips and new product information.



Proud Partner to:



Mont Surfaces

Locations

Corporate Office
Cleveland, OH
6130 Cochran Road
Solon, OH 44139
440.287.0101

Cincinnati, OH
4438 Muhlhauser Road,
Suite 500
West Chester, OH 45011
513.860.3125

Columbus, OH
2365 Setterlin Drive
Columbus, OH 43228
614.876.6677

Pittsburgh, PA
302 West Steuben Street
Pittsburgh, PA 15205
412.921.6740

Detroit, MI
24492 Indoplex Circle
Farmington Hills, MI 48335
248.478.9000

Grand Rapids, MI
919 W. River Center Drive NE
Comstock Park, MI 49321
616.647.0700

Indianapolis, IN
5945 W. 84th Street, Suite A
Indianapolis, IN 46278
317.875.5800

Louisville, KY
4601 Allmond Avenue
Suite 102
Louisville, KY 40209
502.375.1234



MontSurfaces.com