



GRANITE FLOORING

DESCRIPTION

Sable granite is our darkest coloured stone. Its darker colour lends itself to be practical for driveways and larger high traffic areas as potential staining will be less visible. A safe choice for traditional outdoor areas right through to more formal and intimate modern settings.

KEY CHARACTERISTICS OF GRANITE INCLUDE:

- Mineral Composition:**
 - Quartz:** A hard mineral that contributes to the granite's durability.
 - Feldspar:** A group of minerals that give granite its colour and contribute to its overall composition.
 - Mica:** A group of minerals that can add a sparkling or reflective quality to the granite.
Texture: Granite typically has a coarse-grained texture, with visible crystals of quartz, feldspar, and mica. The size of the crystals can vary, affecting the overall appearance of the rock.
- Hardness:**
Granite is a hard and durable rock. Its hardness is comparable to that of quartz and can withstand wear and tear, making it suitable for various applications.
- Construction:**
Granite is commonly used as a building material for countertops, flooring, and facades due to its durability and aesthetic appeal.
Tiles, Pavers, Pool Coping and Cobblestones are common exterior formats commonly made from granite.
- Features:**
Granite possesses several features and benefits that contribute to its popularity in various applications. Here are some key features and benefits of granite:
 - Durability:** Granite is a highly durable natural stone that can withstand heavy use and resist scratches and chipping. It is known for its toughness and longevity.
 - Hardness:** With a high level of hardness, granite is resistant to abrasion and can maintain its appearance over an extended period.
 - Low Maintenance:** Granite is relatively easy to maintain. Regular cleaning with mild soap and water is usually sufficient to keep it in good condition.
 - Stain Resistance (when properly sealed):** When properly sealed, granite is resistant to staining from common household liquids like wine, coffee, and oil. Sealing helps protect the stone and makes it easier to clean.
 - Environmentally Friendly:** Granite is a natural resource that can be quarried sustainably, and it requires minimal processing compared to some synthetic materials, making it an environmentally friendly choice for building and design.

While granite has many positive attributes, it's important to note that individual preferences and the specific application of the material should be considered when choosing the right stone for a project.

TECHNICAL DATA SHEET

| | Finish | Bulk Density (g/cm3) | Open Porosity | Water Absorption | Compressive Strength | Flexural Strength (Natural Condition) | Flexural Strength (48 Cycles Freeze/Thaw) | Slip Rating (Wet) |
|-------|--------|----------------------|---------------|------------------|----------------------|---------------------------------------|---|-------------------|
| Sable | Flamed | 3.03 | 0.0015 | 0.0005 | 193.6Mpa | 21.0MPa | 20.7MPa | P5(59)(Flamed) |

SIZES & PRODUCTS

| | Finish | Dimension | Length & height Variation | Thickness Variation | Weight Approx. |
|--------------|------------------------------------|---------------|---------------------------|---------------------|----------------|
| Tile/Paver | Flamed | 600x400x20mm | +/- 5mm | +/- 2mm | 60kg/m2 |
| Tile/Paver | Flamed | 600x400x30mm | +/- 5mm | +/- 2mm | 90kg/m2 |
| Treads | Flamed with Bullnose/Pencil round | 1200x300x30mm | +/- 5mm | +/- 2mm | 32kg each |
| Treads | Flamed with Bullnose/Pencil round | 1200x400x30mm | +/- 5mm | +/- 2mm | 42kg each |
| Steppers | Flamed with natural edges | 600-800x30mm | +/- 5mm | +/- 2mm | 40kg each |
| Cobblestones | Flamed with natural edges, on Mesh | 100x100x20mm | +/- 5mm | +/- 2mm | 52kg/m2 |
| Cobblestones | Flamed with natural edges, on Mesh | 100x100x30mm | +/- 5mm | +/- 2mm | 52kg/m2 |

CLEANING & SEALING

We recommend all natural stone products to be sealed.

Pre-Sealer: resist staining caused by water soluble minerals (including picture framing effect) which are normally absorbed through the back of the stone during installation. It also helps resist efflorescence migration.

Post Sealer: Provide maximum stain protection, especially in food preparation and serving areas. Ideal for all interior and exterior natural stone.

We trust and recommend Aqua Mix® products. AquaMix have over 40 years of history leading the global stone and tile industry with innovative care and maintenance solutions. Offering the largest selection of Natural Stone Sealers, Cleaners, Problem Solvers, Grout Colorant and Stone Restoration products.

For more information, please visit <https://aussietecture.com.au/stone-sealers-and-enhancers>.

GOOD PRACTICE:

Blending granite pavers before laying them is an important step in achieving a visually appealing and uniform appearance for your paved surface. Blending involves mixing and arranging the pavers in a way that distributes variations in colour, texture, and pattern throughout the installation.

SOME TIPS FOR BLENDING GRANITE PAVERS:

- Mix Pavers from Different Crates:**
Granite pavers are often sourced from different crates, and each crate may have slight variations in colour and pattern. To achieve a more uniform look, mix pavers from different crates during the blending process.
Randomize Colours and Patterns: Avoid creating distinct colour or pattern patterns by randomizing the placement of pavers. This helps distribute variations evenly, preventing the formation of patches or stripes.
- Step Back and Assess:**
Take a step back and assess the overall appearance of the dry-laid pavers. This gives you a better perspective on how the colours and patterns interact. Adjust as needed to achieve the desired aesthetic.
- Consider Surrounding Elements:**
Consider the surrounding environment, architectural features, and landscape design. Blending the pavers with the overall theme of the space can create a cohesive and integrated look.
- Use Natural Variation to Your Advantage:**
Embrace the natural variation inherent in granite. The uniqueness of each paver adds character and charm to the paved surface. Avoid trying to eliminate all variation, as this may result in a sterile appearance.
- Check Lighting Conditions:**
Consider the impact of natural and artificial lighting on the appearance of the granite. Shadows and highlights can influence how colours are perceived. Assess the blending under different lighting conditions to ensure a consistent look.
- Consult with a Professional:**
If you're uncertain about the best way to blend your granite pavers, consider consulting with a landscape designer or give our team a call. They can provide valuable insights and recommendations based on their expertise.