



Bluestone

Granite Works Australia

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Granite Works has been importing Bluestone for 20 years, and in that time, we've constantly evolved our techniques and personally hand-selected the quarries we work with.

Our customers range from DIY homeowners to high-end architects and experienced stonemasons, so we understand the importance of providing a quality product that will stand the test of time.

By leveraging our experience, supply chain and purchasing power, Granite Works are able to proudly supply premium products at affordable pricing.

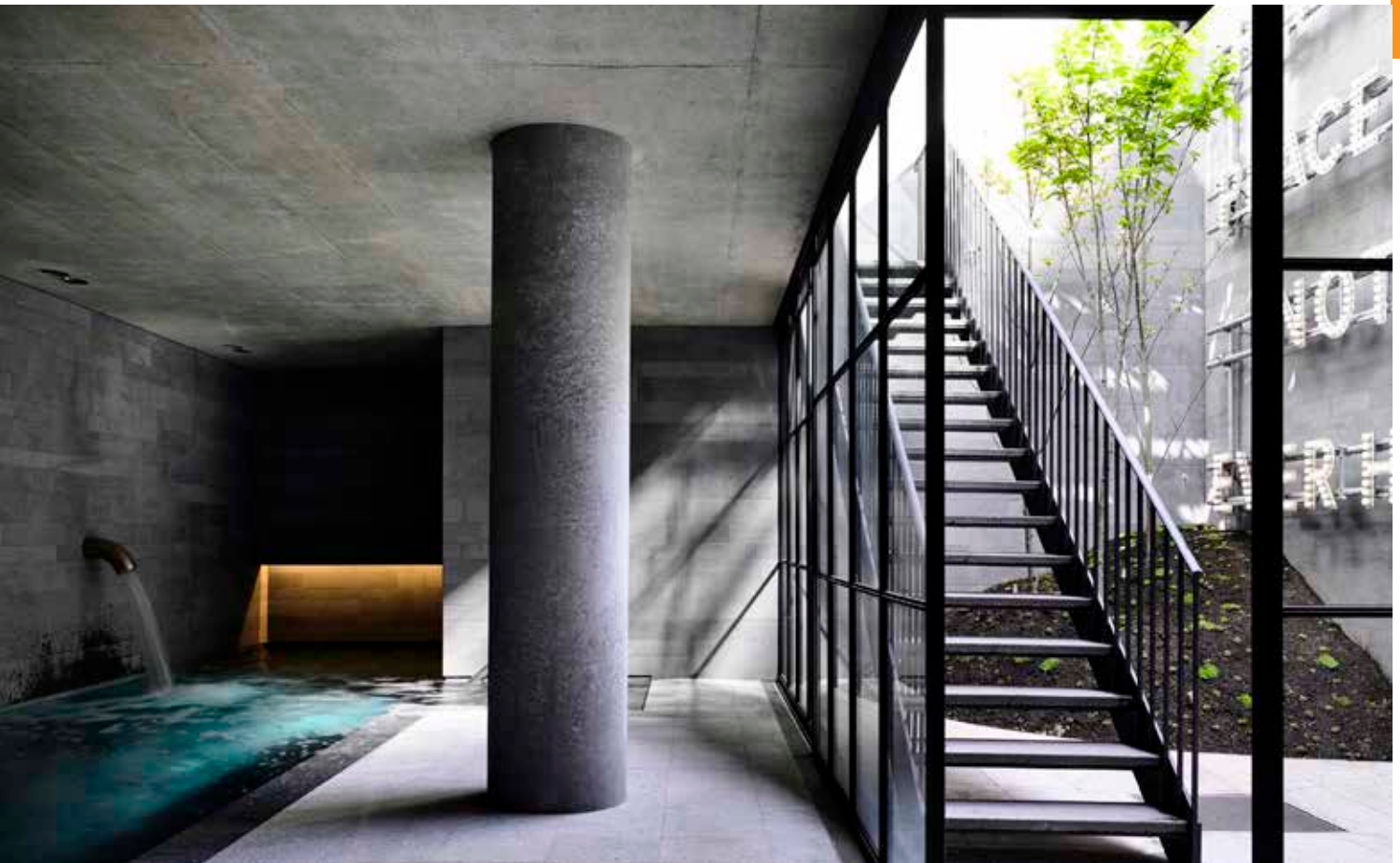
Test	Result
Slip Resistance	Sawn: P5 / Honed: P4
Flexural Strength	Dry: 14.30 MPa / Wet: 14.0 MPa
Water Absorption	1.95%
Modulus of Rupture	Dry: 26.10 MPa
Breaking Load	9.8 kN
Abrasion Resistance	2.3
Bulk Specific Gravity	2594 kg/m ³
Compressive Strength	Dry: 103.00 MPa / Wet: 102.00 MPa



COS Design & Domain Pools



COS Design & Domain Pools



B.E Architecture & LBA Constructions



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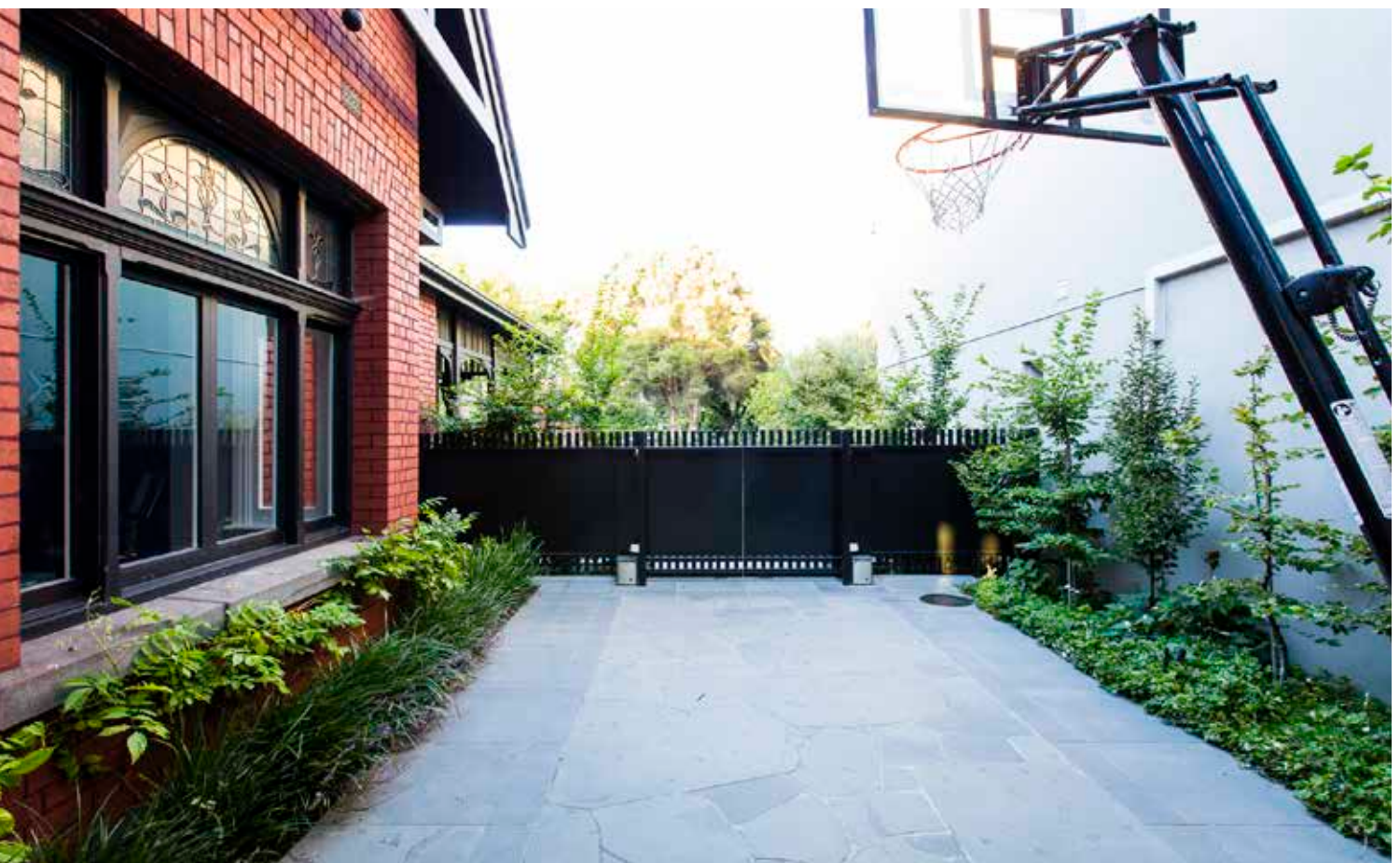
Invidia Landscapes & Crawford Paving & Landscaping



B.E Architecture & LBA Constructions



Glasshouse Projects



Ian Barker Gardens

Bluestone Aftercare

Every natural stone is porous to some extent and if left unsealed has the potential to absorb stains over time. For almost all applications, we recommend sealing Bluestone as it can drastically minimise maintenance and prevent staining. Sealing and a regular cleaning regimen will help to avoid the build-up of dirt and maintain the appearance of the stone.

Cleaning

Before the application of any sealer, it's essential to ensure your stone is clean and dry as any stains or marks on the stone can be challenging to remove once the sealer is applied. In some circumstances, stains or debris can result in the sealer underperforming.

Once the stone has been installed, it may be necessary to grout between each unit. Take care with this process as minimising the spread of grout can drastically reduce the time required to clean at the end of the project. If the grout haze is minimal, cleaning can be as simple as water, a neutral pH detergent and a stiff broom.

In situations where the stone requires a heavier clean, we recommend the use of **GuardRemover ECO**. While we have tested this cleaner with most of the products we supply, we suggest you try the product on an inconspicuous area to ensure you're happy with the result.

GuardRemover ECO contains a small amount of Hydrochloric Acid so, before use on an acid-sensitive material such as Bluestone, we recommend you dilute the mix with water and test before use.

Always use care when cleaning with chemicals and, if you have any reservations, hiring a professional cleaner is recommended.

Sealing

While sealing isn't necessary for every application, we do recommend sealing Bluestone.

If you're unsure or have any questions, please call our office on 03 9813 599.

Pre-Sealing and Dip-Sealing

Unless otherwise specified, pre-sealing or dip-sealing Bluestone is not necessary. Due to the hard-wearing nature of basalt, dip-sealing is often unnecessary and, if anything, can lead to problems with adhesion.

General Sealing

For more standard sealing applications, we recommend the use of **ProtectGuard HD**. **ProtectGuard HD** is an abrasion-resistant, invisible, penetrating sealer which protects against water, oil and general stains.

For the best results, you should install, grout and clean the Bluestone before a sealer is applied. By using this method, you ensure the stone is sealed along with the grout, protecting the entire surface from stains.

If you have pre-sealed your stone, **ProtectGuard MG** must be used for the secondary seal to ensure penetration and full protection.

For the application of the sealer, please follow the manufacturer's instructions.

Efflorescence Specific Sealing

When efflorescence is a known problem, we recommend the use of **GuardHardener W**. We also recommend cleaning the area with a diluted mix of **GuardRemover ECO** to remove any build-up of minerals.

Maintenance

Due to the hard-wearing nature of Bluestone, it is inherently resistant to soiling and, in most cases, requires little maintenance. To keep your stone looking its best, and to prevent the build-up of dirt, you should clean it regularly.

Residential Maintenance

After installation, cleaning and sealing, ongoing maintenance can be as simple as pressure washing every 3-4 months. To ensure the best results, we recommend cleaning with a diluted mix of **Guard Cleaner ECO**.

Commercial Maintenance

For larger areas, the use of a floor scrubber or ride-on machine is essential. Where ride-on devices are employed, we suggest using **Guard Cleaner Eco** and hot water is used to increase effectiveness.

The cleaning frequency and methodology will vary depending on the surface finish, the volume of traffic, dirt accumulation and appearance requirements. As an example, a high traffic pedestrian mall would typically be scrubbed and washed down every 3-4 weeks by a ride-on machine.