

The natural stone look



 **PGH** STONE

 **CSR**

Get the natural stone look

PGH Stone is a collection of manufactured stone veneer products that offer a great alternative to tiles and other forms of cladding, where a unique, natural stone look and feel is the desired finish. Suitable for both internal and external use, PGH Stone provides a personal touch to residential projects, or adds character to commercial settings.

Cast from moulds created using real stone pieces, PGH Stone has the same textures, colours, finishes, formats and patterns found in real stone masonry.



Benefits of PGH Stone



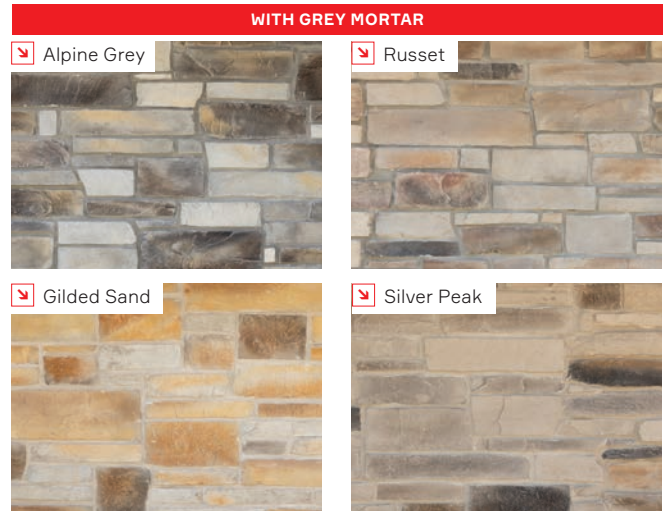
PGH Stone is made in Australia, does not require painting or coating and can be used indoors or outdoors. It is backed by CSR, requires minimal maintenance long-term and comes with a manufacturer's warranty of 15 years.



PGH Stone comes in 3 formats with 4 natural colour options to choose from:

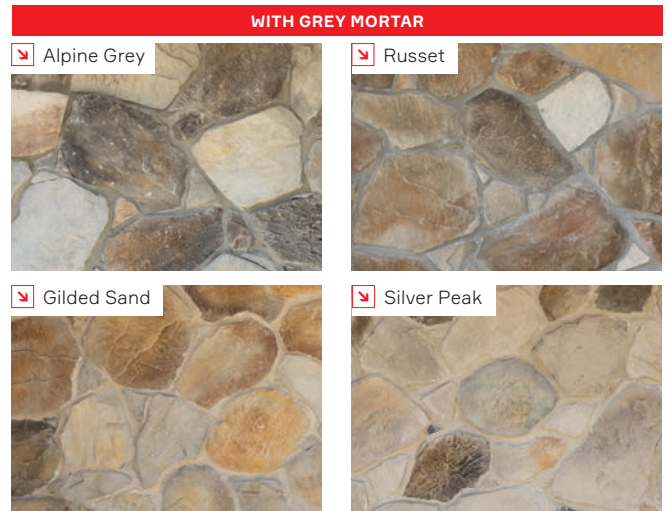
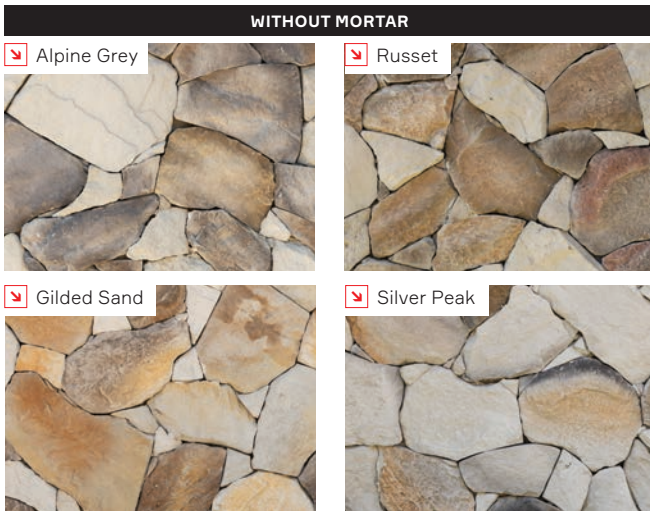
CLASSIC LEDGESTONE

A typical rectangular appearance that is easy to install



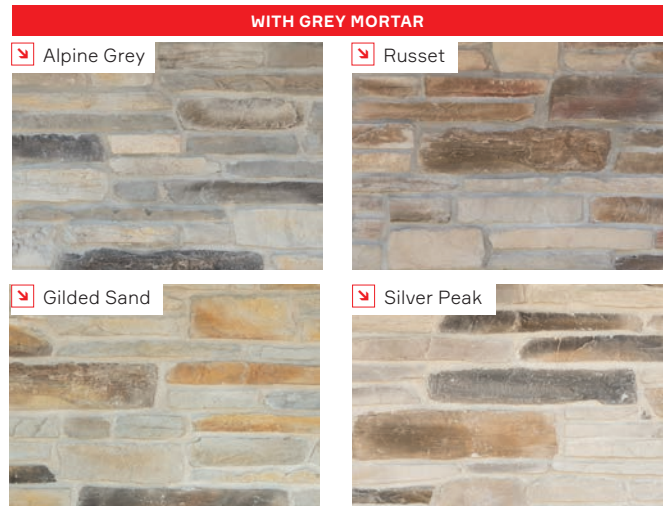
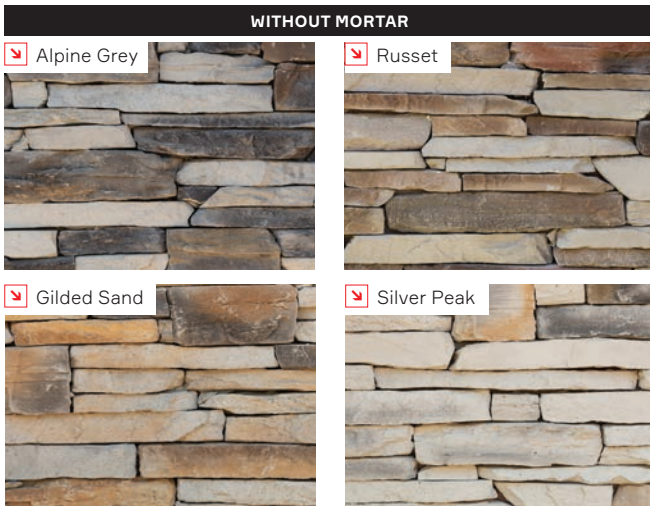
NATURAL FIELDSTONE

A rough and irregular texture allowing for a variety of unique looks



RUGGED LEDGESTONE

A larger and more rounded appearance, resembling real field stones



3 FORMATS

4 NATURAL COLOUR OPTIONS



	Classic Ledge Stone	Rugged Ledge Stone	Natural Fieldstone	Capping Stone
Carton Weight (kg)	30 (flats) / 23 (corners)	30 (flats) / 23 (corners)	30 (flats) / 23 (corners)	13kg each
Cartons/Pallet	32 (flats) / 32 (corners)	32 (flats) / 32 (corners)	24 (flats) / 32 (corners)	80 per pallet
Weight/Pallet (kg)	960 (flats) / 736 (corners)	1024 (flats) / 768 (corners)	888 (flats) / 576 (corners)	1040kg
M²/Carton	0.42m ² (flats) / 1.00Lm (corners)	0.42m ² (flats) / 1.00Lm (corners)	0.6m ² (flats) / 1.20Lm (corners)	n/a
Height (mm)	35-160	35-160	50-355	280-300
Length (mm)	100-530	100-530	100-450	490-510
Thickness (mm)	25-55	25-55	25-55	35-45
Corner Short Return (mm)	50-105	40-135	65-100	N/A
Corner Long Return (mm)	70-260	100-320	150-280	N/A
Corner Height (mm)	60-145	40-120	170-250	N/A



NEW COLOUR
COMING SOON

Capping available to suit all products and colours.







Composition

PGH Stone is made from sand, cement, additives, and water. Cast from moulds created using actual stone pieces, PGH Stone displays the same textures, colours and patterns found in real stone masonry. Available in a selection of natural-looking stone finishes and formats, there will be a product to suit many different project needs.

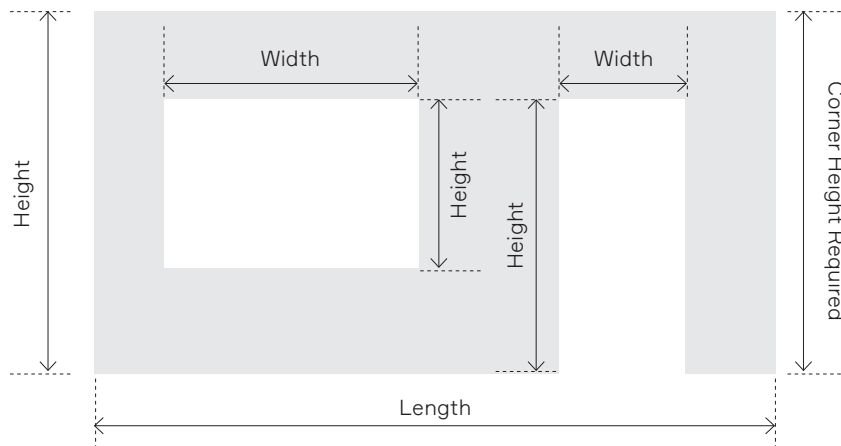
Technical Information

Property	Rating
Compressive Strength	39MPa
Cold Water Absorption (CWA)	6.10%
Avg. Heat Release Rate	FTI (Failed to Ignite)
Avg. Specific Extinction Area	4.7m ² /kg
Product Weight	61-76kg/m ²
Product Warranty	13 year (limited)
Product Usage (Non-structural)	Interior & Exterior

Estimating stone required

To determine the amount of PGH Stone Flat pieces needed, measure the area to be covered. Measure the length and height to arrive at the gross m² of flat stone needed [length (m) x height (m)]. Subtract m² for corners (if applicable), windows, doors, or other openings.

To determine the amount of corner pieces needed, measure the outer vertical edge in linear metres. Corners occupy approx. 0.2m² of wall space per linear metre of product, so this number can be subtracted from the requirement for Flat pieces.



Total stone required = (Wall area) - (Window + Door area).
Corners required = Measure outer vertical length in linear metres.

Note: PGH Stone is sold in cartons containing 0.42 - 0.60m² of loose pieces (Flats) and cartons containing 1.0 - 1.2Lm of loose pieces (Corners). Individual stone pieces within boxes may vary depending on the selected profile, so care to review the pieces available prior to installation is recommended.

Application

Utilising PGH Stone in a walling application requires bonding to a solid substrate such as a concrete or masonry wall. PGH Stone is not suitable to stand on its own, or on a non-structural element such as plasterboard. For height and wind load limit on wall applications, consult adhesive manufacturers for more information. PGH highly recommends that all standards and specifications be independently checked by the project designer(s), as well as the sealant and adhesive manufacturers for recommendations to suit the specific requirements of each project.

Tips to consider

Building code compliance

Building code requirements may vary from area to area. Check with local authorities for the requirements in your area.

Corner installation

If your application requires corner pieces, start by installing a corner piece first, followed by the adjoining flat pieces. Note that the corner pieces may experience greater wind load.

It is recommended that corners be strengthened through continuous metal mesh wrap with min. 450mm at outside and inside corners, fastened at a framing member. Where lapping of expanded metal mesh is required, follow the manufacturer's instructions for the minimum lapping length.

Fire safety

Concrete is listed as a non-combustible material under the National Construction Code. Consult the adhesive manufacturer for a suitable product if you intend to use PGH Stone in a fire-resistant area such as a fireplace.

Substrate requirement

PGH recommends that wall construction be in accordance with the relevant Australian and industry standards when preparing a surface for stone cladding. The contractor must examine substrates and advise the general contractor and architect of any existing conditions or surface contamination which will require correction before work commences. Before starting, substrates must comply with maximum allowable deflection criteria as called for by Australian industry standards or the applicable local building code. Consult the adhesive manufacturer for the appropriate substrate surface treatment.

Other precautions

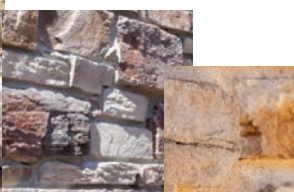
To reduce the risk of falling from height, it is recommended to install PGH Stone no greater than 2 storeys high. Contact the adhesive manufacturer for further guidance.

Cutting stone may generate silica dust. It is recommended that appropriate PPE be worn, and dust-reducing cutting methods (i.e. wet saw) are employed.



Visit a PGH Bricks & Pavers Selection Centre

With specially designed selection tools and a wide range of PGH Stone, Bricks & Pavers on display, choosing the ideal materials for your home has never been easier.



Frequently Asked Questions

How do you install PGH stone?

- Tile adhesive over properly prepared substrate
- Mechanical fixing may be required in certain circumstances
- Refer to technical guide or speak with your sales consultant

Can I seal the Stone?

It is not required to seal our Stone. A sealer will provide added protection and will usually be easier to clean if the surface becomes dirty. If you choose to use a sealer for added protection, use a penetrating breathable masonry sealer. NOTE: A sealer may affect the stone colour and may create a gloss or matte finish. Always test a small area beforehand.

What maintenance is required for our products if any?

Periodic washing to remove surface dust and debris is all that is required. Most products are virtually maintenance free.

How much does it cost to install PGH stone?

Between \$100-\$250 per m² depending on installation complexity, contact installer for accurate price.

Where can I install PGH Stone?

PGH Stone can be applied to any structurally sound surface with the proper preparation. It fits nearly any building plan — large or small, interior, or exterior, new residential or commercial projects — or on any remodel.

Is PGH Stone natural Stone?

PGH Stone products are hand crafted (man made) stones, with various advantages over natural stone.

- Its ease of installation
- Prefabricated corner pieces and caps to suit all products
- Its availability
- More economical to buy than natural stone
- Colour can be altered to suit personal taste

What is our stone made of?

Our stones are cast in moulds. Each colour and texture uses a unique blend of sandstone, cement and mineral oxide pigments.

Will the same stone repeat on your wall?

PGH Stone is cast from thousands of different individual stones, the products are coloured by hand so no 2 stones will ever be the same.

What kind of surface is necessary to apply our product?

Our stone products may be adhered to any prepared clean, untreated, structurally sound wall surfaces. AC/ cement sheeting over timber or steel frame, Masonry and Brick, Tilt/Pre cast panel. Please refer to our installation instructions for further information.

Can we install PGH Stone around a fireplace?

PGH Stone can be installed around a fireplace. The veneer must be a minimum of 20cm from any open flame.

Can our stone products be used on wall area adjacent to swimming pools?

Our products will perform the same as any other quality reconstituted stone. Although, it should be taken into consideration with any reconstituted stone or natural material, continued exposure to chlorine and other chemicals may eventually affect the colouration of the products. When frequently exposed to water, we recommend protection with a non-film breathable masonry sealer.

NOTE: A sealer may affect the stone colour and may create a gloss or matte finish. Always test a small area beforehand.

How heavy are the Stone products?

The weight varies by styles. The approximate weights range from 59-79 kilograms per square meter depending on the product selected. The weights vary with each profile, these weights don't include installation materials.

What size are PGH stone pieces?

PGH stone has been cast from thousands of unique moulds. Corners have a long side and a short side. Nominal thickness ranges from 20-65mm. Refer back to your technical guide for specifics.

What is the average thickness of our Stone Products? Average thickness is 20-70mm, depending on textures.

How is PGH Stone sold?

- The loose stones are packed in corflute outdoor suitable boxes.
- Flats are sold in boxes ranging from 0.42 – 0.6 per m²
- Corners are sold in boxes ranging from 1 – 1.2 L/m
- Capping is sold Individually

Can the stone products be used on both exterior and interior applications?

Yes! The products are suitable for both applications. They allow you to bring the outdoors inside as well as emphasizing your design and continuity in your colour and textures schemes.

Will PGH Stone products weather?

The base colour is blended throughout, and permanent mineral oxide pigments are applied and absorbed when the veneer is cast. Colour becomes an integral part of the veneer and, like natural stone, there are minimal noticeable colour changes after years of weathering. 15 year warranty against colour fade no greater than 2%.

Should I colour the Mortar or Grout?

The choice between mortar or grout comes down to personal preference. Either can be used.

- Sand and cement based Mortar can be tinted with an iron oxide pigment. This style of application can enhance or accompany the stone colour used.
- Tile grout can also be used to achieve the same outcome. Please refer back to the grout manufacturer for technical assistance.

Can I install PGH Stone myself?

In general, installation of PGH Stone can be installed by almost anyone. However, installation does require a fundamental understanding of stone masonry. For Classic LedgeStone and Rugged LedgeStone, we highly recommend a professional installer. Please refer to our user installation guide.

How important is a good stone installation?

As with any building material, the beauty of the product is greatly enhanced by how well it is installed. PGH Stone, careful consideration regarding the type of profile and colour selected, the actual installed stone "pattern", and the type of grout technique used, are all very important factors to regard. It is always best to create a mock up board with the desired aesthetic appeal prior to installation on your project.

Can our stone Products be cut?

Yes, our products are easily cut or trimmed using a hatchet or wide-mouth nipper. We highly recommend the use of a dustless vacuum saw.

What happens if PGH stone chips?

Manufactured from crushed sandstone chips tend to blend in with the face colour and add a natural appearance to the stone.

Can PGH stone be used on water features and walkways?

- Not recommended for walkways due to the undulating finish.
- Not recommended for water features due to water absorption and adhesion.

Product colour variations Our hand crafted products are made with reconstituted sandstone utilising naturally occurring aggregates, therefore no guarantee can be given that PGH Stone hand crafted at different times will be identical in colour shade.



For more information
pghbricks.com.au/pgh-stone
13 15 79



Disclaimer: The inherent beauty, appeal and distinctive look of PGH Stone comes from the natural variations found in the raw materials and from the production process. Variations in colour, texture and size will occur from time to time. Any representations of the product in displays, pictures, brochures, and online are to be taken as a guide only.

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Cover image shows an application of PGH Stone and was supplied by Creation Homes.

