

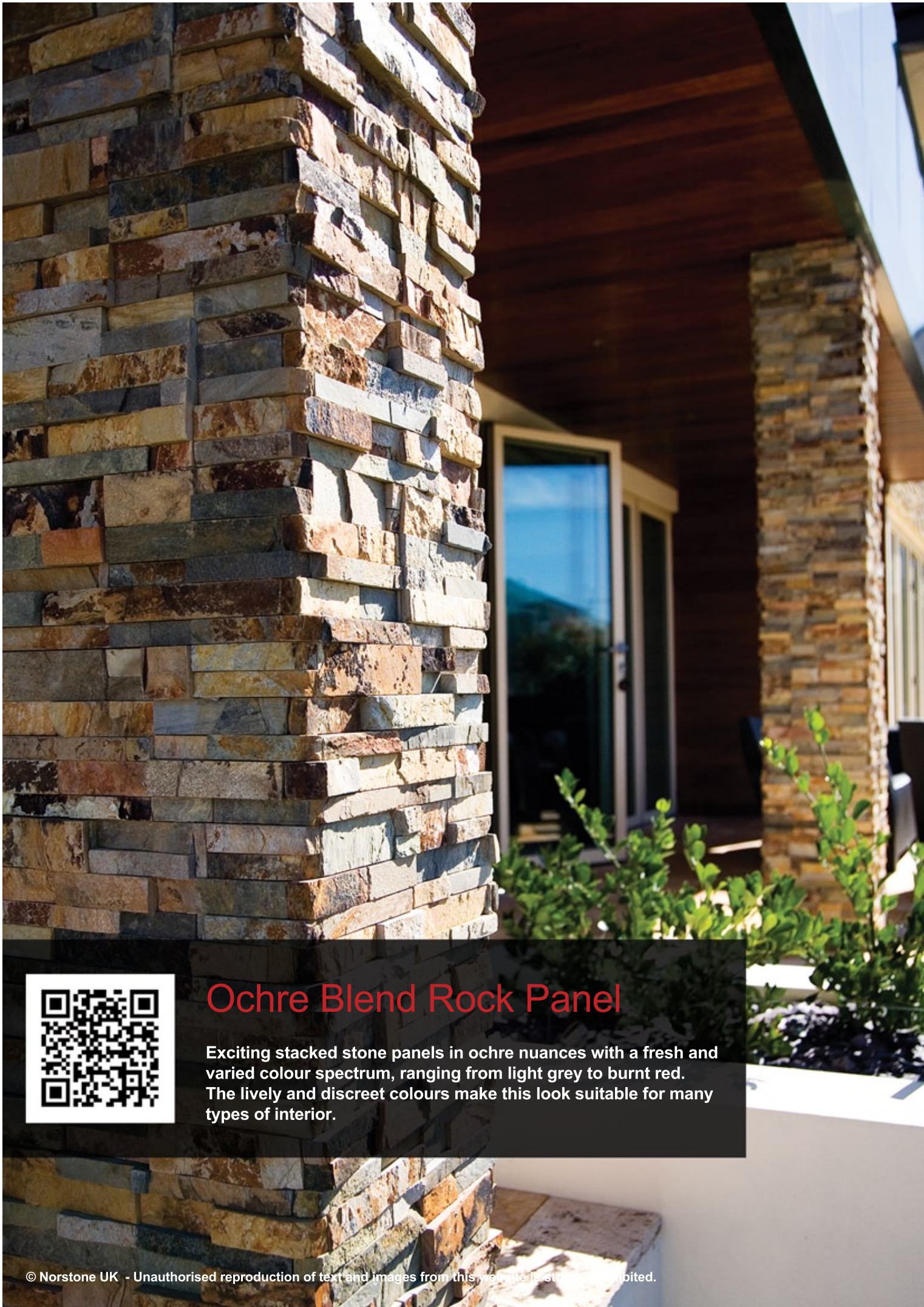


 **norstone**uk ltd  
new dimensions in natural stone



## Charcoal Rock Panel

Attractive charcoal effect with an elegant colour spectrum in matt black and grey tones. The natural look of the stone panels creates a perfectly subdued contrast to the light surfaces of walls and entrances.



## Ochre Blend Rock Panel

Exciting stacked stone panels in ochre nuances with a fresh and varied colour spectrum, ranging from light grey to burnt red. The lively and discreet colours make this look suitable for many types of interior.



## Ivory Rock Panel

These stylish, ivory stone panels bring out a certain exclusiveness and elegance in both commercial and home. It makes them the obvious solution for retail environments featuring fashion and luxury products.



## Sahara Rock Panel

This beautiful Sahara Rock Panel, which is slightly darker than the Ivory, is perfectly suited for both interior and exterior applications.



## White Quartz Rock Panel

Elegant quartz effect with a unique bright and light appearance, making the stylish stacked stone panels especially suitable for big surfaces and many different types of interior solutions.



## Ochre XLV Rock Panel

Norstones Ochre XLV range creates a beauty and harmony within both internal and external spaces.



## Charcoal XLV Rock Panel

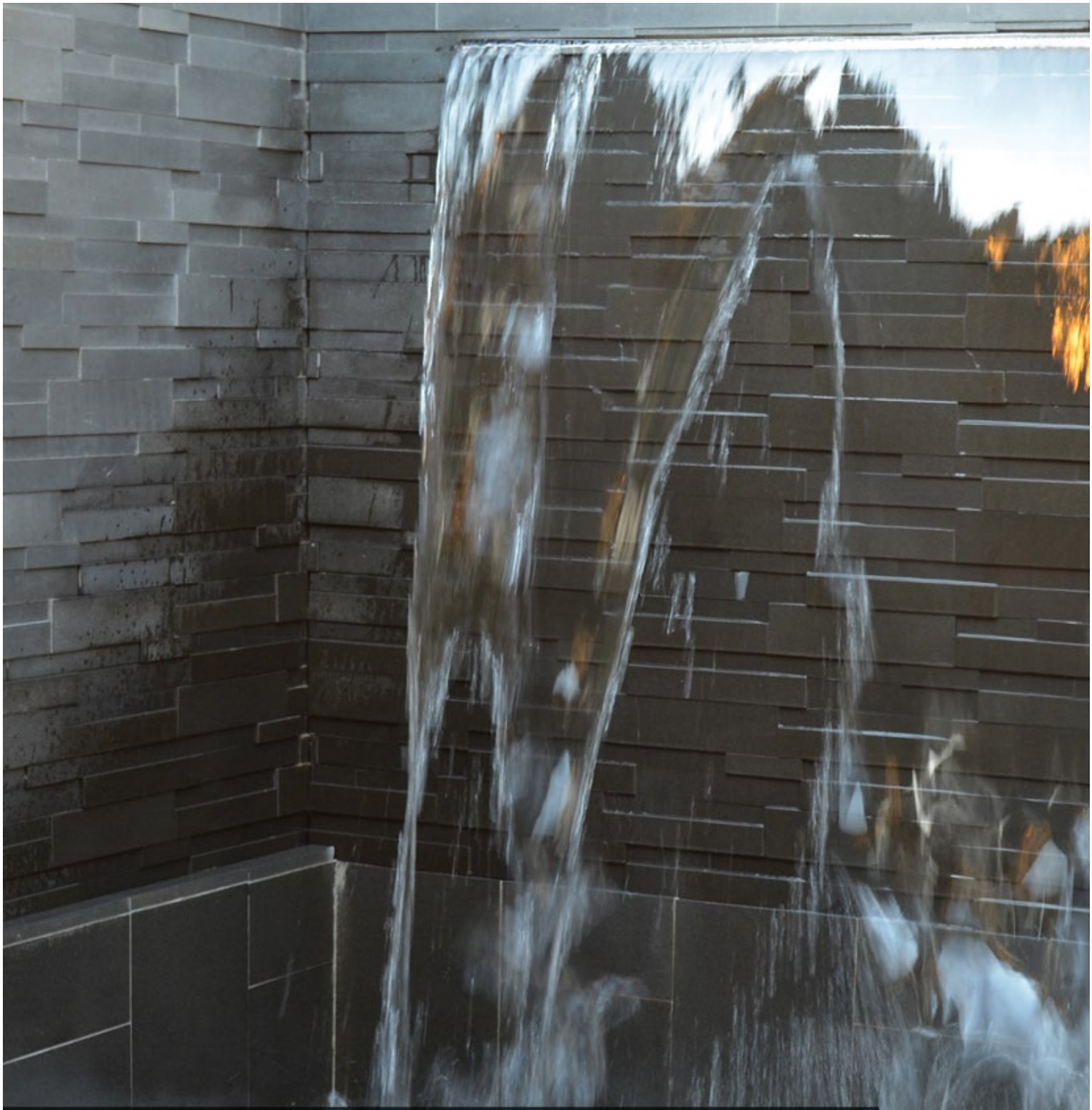
The simplicity of the XLV Range, is an innovation which will be enjoyed by both commercial and retail customers.





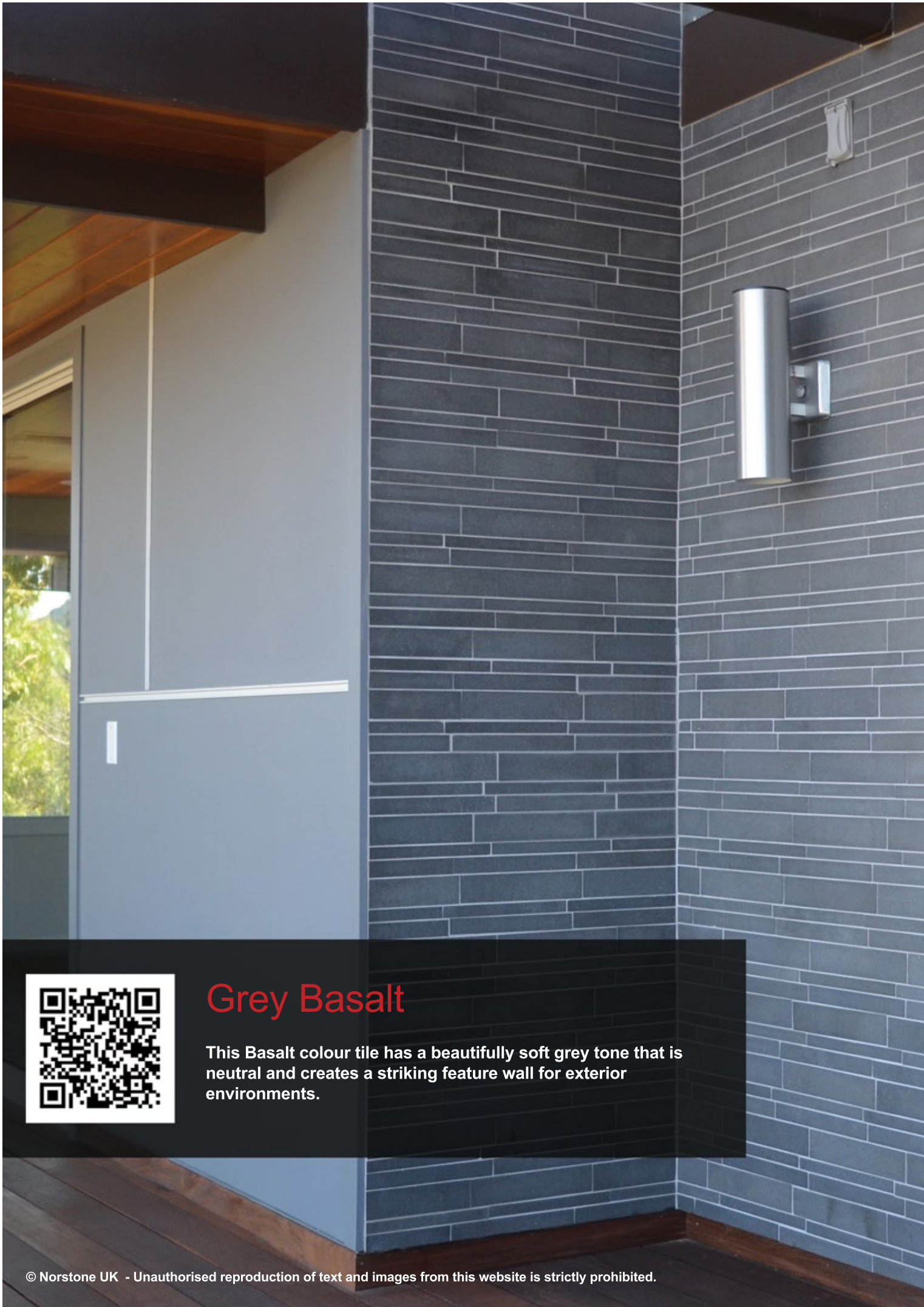
## Monarostone

Monarostone is perfect for those internal features walls, Foyers, Garden areas and large Commercial premises.



## Basalt Light Grey/Ebony 3DXLX

These contemporary and exquisite Third Dimensional Basalt Panels will ensure a finished impression never achieved previously and lift the Architectural and Interior Design space to a higher level.



## Grey Basalt

This Basalt colour tile has a beautifully soft grey tone that is neutral and creates a striking feature wall for exterior environments.



## Ebony Basalt

This beautiful Architectural Basalt compliments comfortable and stylish living in both garden and internal feature walls.



## Stacked Stone in the kitchen

Norstones stacked stone, is a feature that can enhance and bring the natural element into such an important environment.



## Bring any garden to life

Norstones stacked stone can be used to create water falls and features, which will enhance and transform any home or outdoor space.



## Emphasising natural stone

Using lighting, Norstone allows you to create your own harmonious atmosphere by bringing out the subtle tones and accents in the natural stone.



## Moody Blues House

Norstone recently completed this beautifully contemporary house in summer 2011, transforming the home and creating an atmosphere of excitement and anticipation.





## Aspers Casino

Norstone supplied the interior stone cladding to the most recently opened Aspers Casino, in the much acclaimed Westfield Shopping Centre, in Stratford.

## norstone panel specification sheet

**Stone specification:** Stone shall be Norstone Natural Stone Panel as produced by Norstone Pty Ltd. of Sydney Australia.

For more information, contact Norstone uk on Tel- 0044 0784054505.

**Classification:** Quartzite-based sedimentary stone.

**Color:** Ochre Blend, Charcoal, White, Ivory, or Chalk

**Size:** 152mm Tall by 610mm Long. Thickness varies between approx 15mm to 30mm.

Technical data: 1 norstone panel



**Weight:** approx 6 kg per panel.

**Packaging:** 4 panels per box, 48 boxes per crate. 17.5 sqm per crate please call for customized container-load quantities.

**Stone delivery:** The contractor will be responsible to prepare a suitable area for delivery of stone. The stone is to be delivered in crates and the site must be prepared with gravel or other ground cover to place the crates of stone. Deliveries may require a forklift on the site to unload the truck. Check with Norstone to find out what type of delivery can be arranged in your area and how much room will be required on the jobsite to deliver and place the stone. After the stone is on the jobsite it should be covered with plastic or a tarp to keep clean and dry until it is ready to be used.

**Note:** Covering the stone will help protect the stone from theft and/or vandalism.

**Stone protection:** It is the responsibility of the contractor to maintain a ground cover of gravel or other suitable material under and adjacent to stockpiles and in all work areas to prevent mud splash and damage to material. It is especially important to maintain a minimum 1 meter wide ground cover around the perimeter of all walls to prevent mud splash until the landscaping is complete.

At the completion of each days work, the tops of the walls should be covered to prevent water penetration into the wall cavity. Rain-wash entering a wall is one of the main causes of wall staining. The water causes a reaction with alkaline salts inherent to Portland Cement and cement blocks. The salts penetrate into the joints and eventually percolate to the surface leaving a brown stain in the process.

**Mechanical fastening:** A method of a mechanical fastening to be considered is the use of the Angle or "L" Ledge, which should be appropriately fixed to the building frame to ensure maximum stability, functionality, and durability. However it is critical that mechanical fastening must always be performed according to state or county code regulations. Failure to do so will absolve Norstone of any responsibility or liability for problems arising due to faulty workmanship and/or incorrect mechanical fastening.

**Stone pattern:** Stones are to be installed in staggered fashion. Avoid continuous running joints as much as possible. Please see installation guide for further, more detailed instruction.

**Stone setting:** Stone shall be set with a modified thinset / 2 – part tile adhesive with a bonding agent; there should be no joints whatsoever. It is important to make sure all cavities behind stones and on each individual panel is sufficiently filled with adhesive in order to ensure structural integrity and endurance. Stone shall be laid free from mortar stains and be kept as clean as possible. No stonework shall be set unless the jobsite temperature is no lower than 5 degrees and rising, or the architect has approved a cold weather-setting plan.

Please see installation guide for further, more detailed instruction.

**Stone cleaning:** After completion of stonework cleaning shall be accomplished with a stiff bristle brush and water using a mild detergent. Acidic Cleaning Agents should not be used.

**Stone preservation:** One of the most important, but, often-overlooked steps in an exterior stone project is the application (if suitable) of high quality water repellent after the work is completed.

The application of a good water repellent will have the following benefits:

- Keeps walls easier to clean since the surface will be less absorbent to pollutants in the atmosphere.
- Reduces absorption of water, thus lowering humidity level within the wall interior.
- Helps to minimize freeze/thaw damage.
- Helps control efflorescence.
- Helps stabilize any pigment leaching from cement or stone.

Although water repellents will reduce absorption, they are not meant to bridge gaps or cracks or replace a poor pointing job.

A good water repellent will provide deep penetration into the stone and provide many years of protection without changing the color of the stone, all at a very affordable price.

## norstone panel corner unit specification

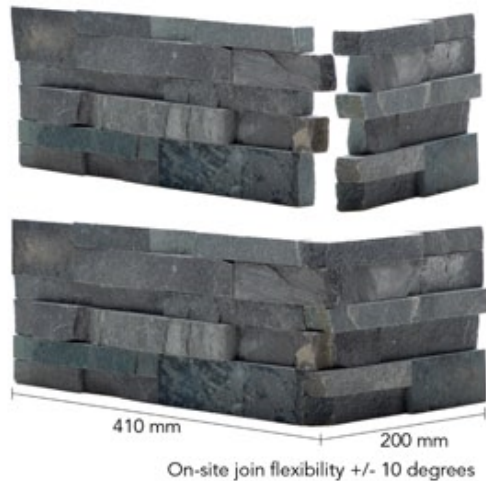
**Stone specifications:** Stone shall be Norstone Natural Stone Panel as produced by Norstone Pty Ltd. of Sydney Australia. For more information, contact Norstone Europe at 0045 20 48 49 97.

**Product:** Norstone Panel Finger Joint Corner Units

**Classification:** Quartz, Marble Quartz, or Quartzite-based sedimentary stone.

**Color:** Norstone Ochre, Charcoal, White, Ivory

**Size:** 152mm Tall by 610mm Long. Thickness varies between approx 15mm to 30mm. Wraps 200mm on one side and 410 mm on the other (see diagram).



**Weight:** approx 6 kg per panel.

**Packaging:** 4 panels per box; 48 boxes per crate = 17.5 sqm per crate; please call for customized container-load quantities.

**Stone delivery:** The contractor will be responsible to prepare a suitable area for delivery of stone. The stone is to be delivered in crates and the site must be prepared with gravel or other ground cover to place the crates of stone. Deliveries may require a forklift on the site to unload the truck. Check with Norstone to find out what type of delivery can be arranged in your area and how much room will be required on the jobsite to deliver and place the stone. After the stone is on the jobsite it should be covered with plastic or a tarp to keep clean and dry until it is ready to be used.

**Note:** Covering the stone will help protect the stone from theft and/or vandalism.

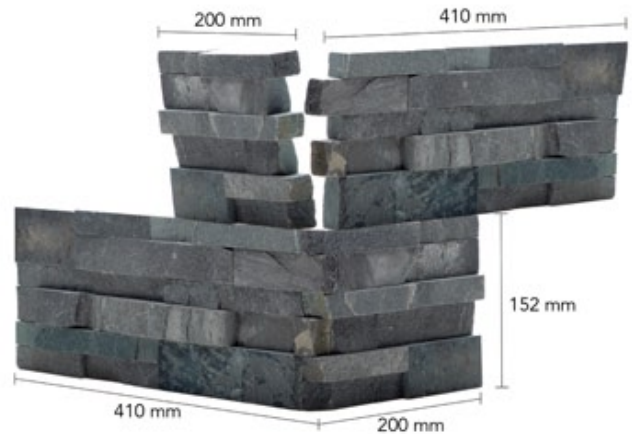
**Stone protection:** It is the responsibility of the contractor to maintain a ground cover of gravel or other suitable material under and adjacent to stockpiles and in all work areas as to prevent mud splash and damage to material. It is especially important to maintain a minimum 1 meter wide ground cover around the perimeter of all walls to prevent mud splash until the landscaping is complete.

At the completion of each day's work, the tops of the walls should be covered to prevent water penetration into the wall cavity. Rain-wash entering a wall is one of the main causes of wall staining.

The water causes a reaction with alkaline salts inherent to Portland Cement and cement blocks. The salts penetrate into the joints and eventually percolate to the surface leaving a brown stain in the process.

**Stone pattern:** Stones are to be installed in a randomly staggered fashion. Avoid continuous running joints or evenly staggered joints as much as possible. Please see installation guide for further, more detailed instruction.

**Stone setting:** Stone shall be set with a modified thinset / 2 - part tile adhesive with a bonding agent, (LATICRETE SHORT TERM SPECIFICATION); there should be no joints whatsoever. It is important to make sure all cavities behind stones and on each individual panel is sufficiently filled with adhesive in order to ensure structural integrity and endurance. Stone shall be laid free from mortar stains and be kept as clean as possible. No stonework shall be set unless the jobsite temperature is no lower than 5 degrees and rising, or the architect has approved a cold weather-setting plan.



On-site join flexibility +/- 10 degrees

Please see installation guide for further, more detailed instruction.

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The application of a good water repellent will have the following benefits:

- Keeps walls easier to clean since the surface will be less absorbent to pollutants in the atmosphere.
- Reduces absorption of water, thus lowering humidity level within the wall interior.
- Helps to minimize freeze/thaw damage.
- Helps control efflorescence.
- Helps stabilize any pigment leaching from cement or stone.

Although water repellents will reduce absorption, they are not meant to bridge gaps or cracks or replace a poor pointing job.

A good water repellent will provide deep penetration into the stone and provide many years of protection without changing the color of the stone, all at a very affordable price.



20 Mortlake High Street, London, SW14 8JN • 0203 178 2801 • [sales@norstoneuk.com](mailto:sales@norstoneuk.com)