

2.NORSTONE STONE CLADDING PANELS

Norstone stone cladding. Interlocking internal and external stone cladding system. Fixed to the MR1000 Kingspan panel with corners made good with manufacturer's resin in accordance with suppliers recommendations and details.



Fig 2
Norstone charcoal XL series stone cladding



inspired by nature
created by hand

norstone® new dimensions in natural stone

our story

global supplier of premium natural stone

Norstone® is a natural stone supplier with its headquarters in Sydney, Australia. Founded in 2003 and still growing, norstone's innovative, premium natural stone products are exported worldwide. At norstone®, the entire manufacturing process, from quarry to finished product, is managed directly at our modern production facility in South East Asia.

During the past decade norstone® has achieved its extraordinary success by working in close cooperation with our network of carefully selected global distributors and the many employees who work tirelessly to produce our beautiful products. We all share the belief to never compromise on quality and service.

As a young dynamic company we nurture a culture of passion, integrity and self-belief in all our partners and employees. We inspire them to affirm our commitment for the respect of human rights, protection of our fragile environment and the reduction of our carbon footprint.



more powerful than imagined

"Simply even more powerful and beautiful than imagined. It makes one feel as though the hall is part of the rocky shore in the distance. It is exactly where your product is meant to be, and will be a central part of the narrative of the building and musical experience."

Alan Joslin, Epstein Joslin Architects, Boston, MA



our products

Our natural stone products are remarkably simple and cost effective. They offer supreme ease of installation and are the ideal solution for stone wall cladding in a wide range of external and internal applications. Once installed they have a lifetime that will usually exceed the life of the building.

Norstone® natural stone products are environmentally friendly, inert and fully recyclable as well as energy efficient in production. They provide an excellent combination of high rigidity and structural strength, and also possess excellent noise reduction and thermal insulation properties.

norstone® stone veneers

the desire to create the most important feature wall of all - yours

- **exclusive designs and colour options** that only norstone® can supply in 100% natural stone.
- **independent global distributor network** to assist with professional advice and guarantee supply.
- **affordability**; an entry-level price point that is superior value to the inferior generic competition.
- **flexibility**; from rock panels to interlocking basalt tiles and our new smaller scale stretched quartz tiles.
- **minimise on-site costs** with our unique rock panel system ensuring a rapid and simple installation.
- **unique corner system**; interlocking finger joints for internal and external corners (65 to 115 degrees).
- **our legendary customer support**; from a small domestic installation to a major commercial project, we are here to help every step of the way.
- **exclusive warranty system**; in conjunction with fellow market leaders Laticrete, we offer a warranty that no competitor can begin to match.

rock panels

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basalt

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quartz tiles

chiselled	10
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monarostone

monarostone	12
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▲ ivory rock panels highlighted with recessed lighting.

norstone® so simple it's easy

standard rock panels

stacked stone veneer made simple

Norstone® is known throughout the world for its premium stacked stone panels. Our attractive and unique designs combine a natural feel with a classical elegance and an ultra-modern look which sets norstone® apart from the competition. We provide you with exciting new possibilities and ease of installation to create the design you desire

The living colours and textures of our natural stone will give your architectural projects a beautiful and impressive finish. Our rock panels are hand assembled from select pieces of precision cut quartz or sedimentary rock ensuring that each panel has a unique colour and design.



specs

panel dimensions

flat panel: 610mm (w) x 152mm (h) x 15-35mm thick
24"(w) x 6"(h) x 5/8-1 1/4" thick

corner set: 400/200mm (w) x 152mm (h) x 15-35mm thick
16"/8"(w) x 6"(h) x 5/8-1 1/4" thick

weight

5.5kgs / 12lbs



the beauty of simplicity





▲ ivory rock panels provide a perfect backdrop for this outdoor entertaining area.

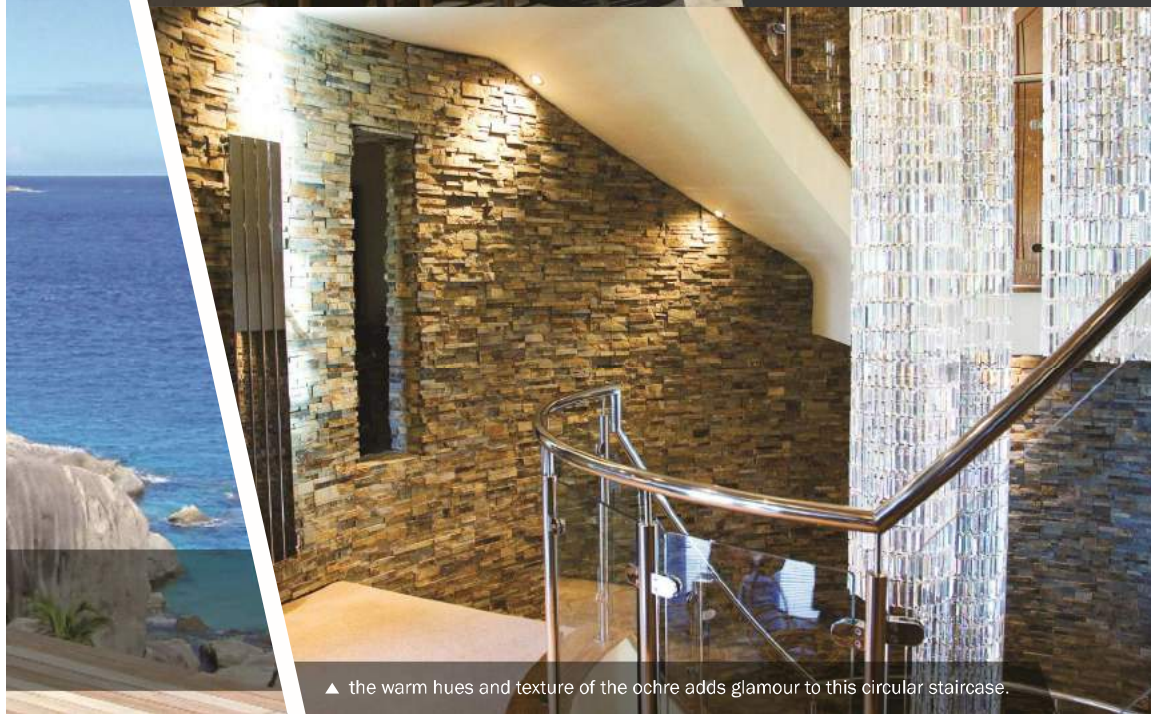


"The stacked stone was just what we needed to bring the sanctuary from ordinary to extraordinary. From the friendly staff at Norstone to the easy application of the product, it was such a great experience."

Andrew Arrowood, Pastor Valley Lighthouse, Van Nuys, CA "



▲ charcoal rock panels stunning and contemporary for interior and exterior walls



▲ the warm hues and texture of the ochre adds glamour to this circular staircase.



(1) Ochre
rustic, rugged appeal



(2) Charcoal
cool subdued tones



(3) White
sleek, contemporary



(4) Ivory
warm, mellow hues



(5) Sahara
luxurious with a hint of mystique



▼ white rock panels combined with pebbles form an attractive focal point for this façade.



ochre



◀ salt attack resistant and 3 dimensional rock panels form a stunning water feature.



norstone® bigger, bolder & joint free

XLX & XLV rock panels

supersize your stone veneer

When a larger format stone is desired our XL series delivers superbly with bigger individual stone strips per panel and a unique interlocking end system. The stepped ends on the XL series rock panels create a seamless look as the vertical joints are virtually eliminated. With fewer stone strips per panel norstone's new expansive rock panel, the XL series is the perfect composition giving the feel of a grander scale.



specs

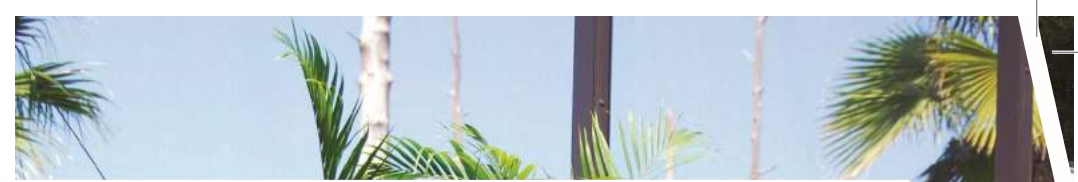
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16"/8"(w) x 6"(h) x 5/8-1 1/4" thick

weight

5.5kgs / 12lbs



▲ larger format ochre XLX rock panels form a functional and attractive water feature.



ochre XLV rock panels provide an attractive backdrop for this exterior feature wall.



"I couldn't be happier! I get so many compliments on how beautiful my Norstone looks. I would do the same stone all over again! I LOVE IT!!!!"

Carrie Spence, New York, NY



▲ inter-locking corners in charcoal XLX are perfect for completing this fireplace.



► charcoal XLX rock panels



(1) Ochre
rustic, rugged appeal



(2) Charcoal
cool subdued tones



(3) White
sleek, contemporary

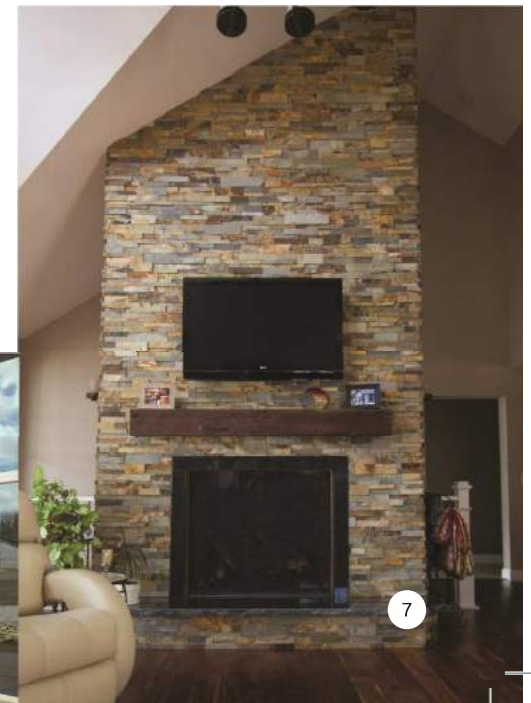


(4) Ivory
warm, mellow hues

(5) Sahara
luxurious with a hint of mystique



▼ this fireplace façade is highlighted using ochre XLV rock panels creating a stunning centre piece of the room.



ochre



◀ use lighting to beautifully highlight the XLV rock panels.



norstone® why compromise?

corners

norstone

the only finger-joint interlocking corner system in the world

Corners are an extremely important component to complete any project, which is why norstone® prides itself on its innovation of the only fingerjoint interlocking corner system in the world. The inter-woven fingers deliver the most seamless look possible with a very distinctive and natural corner.

uniquely hand made to fit every corner

One section of the corner unit is longer than the other to allow an offset pattern on the adjacent walls. Because they require little skill and are so quick and easy to install they significantly reduce on-site labour costs.

columns

Norstone® finger joint corners are perfect for covering most columns which can be achieved rapidly without using unsightly butt joints, half overlay or time-consuming mitre cuts so commonly used by others.



unit dimensions

corner set: 400/200mm (w) x 152mm (h) x 15-35mm thick
16"/8"(w) x 6"(h) x 5/8-1 1/4" thick

weight

5.5kgs / 12lbs

perfection achieved



norstone® bend your imagination

radius

norstone

stone veneer on a curved wall

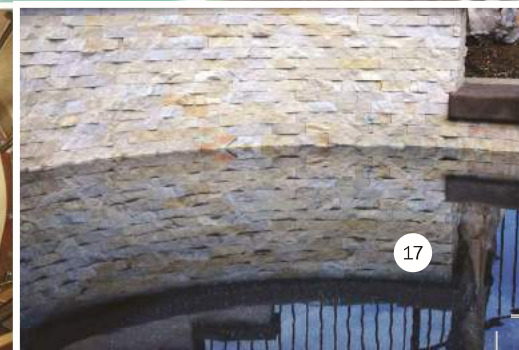
Ever wanted to fit a stone panel on to curved wall, now you can with norstone® stone products. Radius walls make a very interesting and distinctive design element to be used for residential and commercial applications. Let your imagination run free to create sensational feature walls that will enhance your indoor or outdoor living spaces.

create a distinctive sculptural statement

Use a curved wall to sub divide a large open room or define a break in a large space to make a unique sculptural statement. The rugged texture of the 3 dimensional stone delineates the curvature of the wall to create a very edgy and impressive design. Curved or radius walls can be free-standing or part of an existing structure, the choice is yours.



straight or curved
express your preference



norstone®

experience our proven stone veneer panel system

hassle free installation

stacked stone veneer made simple

Stacked stone used to be difficult, time consuming and expensive. Norstone® has changed that with our proven stone veneer panel system, offering ease of installation and peace of mind with our unique warranty system.

ideal for almost any interior and exterior applications

Now you can achieve superior results in a shorter time. Our rock panel system allows rapid installation and our exclusive corners significantly reduce the toil and expense involved in forming beautiful natural corners or columns.

the finished result is exceptional.

Compared to building a traditional stacked stone wall, norstone® rock panels make it possible to cover a large wall in a short period of time because of their large size, superior panel system and simplicity of installation.

For all products refer to the installation guides on our websites

The norstone® difference

- maintenance free with zero to low Iron content
- increased thermal and noise insulation effects
- Asbestos free - low VOCs - salt and stain resistant

"This stuff is an absolute joy to work with - it doesn't crack or splinter when you drill it and you can precision cut it with a wet saw. There's no grouting and once it's fixed in place a nuclear bomb couldn't move it. The edges are already machine cut and the corners work like a dream."



**corners made
easy**

norstone® natural, distinctive & exquisite **colours**

choose from a palette of colours that is as individual as you are

Less is more in today's busy world, so to avoid complicating your selection norstone® colours represent a palette that is conducive to enhancing your living space and highlight the different elements.

quartz tiles



monarostone



basalt



rock panels



**as unique as
a fingerprint**





Distributor:

norstoneusa.com | norstone.co.uk | norstonede.com | norstonefr.com | norstone.com.au | norstone.ae | norstone.ie

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LATICRETE WARRANTIES

Laticrete will warranty their adhesives when installing Norstone, providing the following steps are undertaken:

1. Internal Installations

Norstone products can be installed onto concrete, suitable high density concrete block work, brickwork or Hardie Backer Board. The background must be free from any dust, debris, paint or any other substance which will inhibit the bond of the adhesive. It must be stable and be able to support the load of the Norstone product selected.

If the concrete block work or brickwork is not even, a render coat should be applied to create a smooth flat surface prior to fixing Norstone. This consists of Laticrete 211 Powder mixed with Laticrete 3701 Admix at a mix ratio of 4 x 20kg powder: 18L admix. The Laticrete 3701 admix is designed to replace all the water in the mix, however you may add a little water if the mix is too sticky.

Once the Laticrete render has fully cured, the Norstone panels can be installed. Apply the Laticrete Platinum 254 adhesive to the substrate and the back of the Norstone panel, ensure all the Norstone panel is covered with adhesive.

Norstone products can be applied directly onto the Hardie Backer Board using the Laticrete 254 adhesive, as above apply the adhesive to the substrate and the back of the Norstone panel to achieve 100% coverage. The boards must be installed as per the manufacturer's guidelines.

The adhesive should be applied onto the substrate and the back of the Norstone panel within 15 minutes of mixing.

2. External Installations

Norstone products can be installed onto concrete, suitable high density concrete block work or brickwork. The background must be free from any dust, debris, paint or any other substance which will inhibit the bond of the adhesive. It must be stable and be able to support the load of the Norstone product selected.

If the substrate is not even, it is recommended to apply a render coat to create a smooth flat surface prior to fixing Norstone, using Laticrete 211/ Admix as outlined previously for internal installations.

After having applied the Laticrete render, it must be allowed to fully cure before applying two coats of Laticrete Hydro Ban waterproofing membrane by brush or roller. Ensure the first coat is allowed to dry before applying the second, allow this to dry.

The Laticrete Platinum 254 adhesive is used to fix the Norstone panels, as mentioned previously it should be applied to the substrate and the back of the panels to ensure 100% coverage.

It is important to note that Laticrete Hydro Ban is Ultra-Light sensitive, therefore ensure the Norstone panels are installed within 30 days of application.

Norstone products can also be fixed to Hardie Wall [™] using the Laticrete Platinum 254 adhesive, as above apply the adhesive to the substrate and the back of the Norstone panel to achieve 100% coverage. The boards must be installed as per the manufacturer's guidelines.

The adhesive should be applied onto the substrate and the back of the Norstone panel within 15 minutes of mixing.

We would always recommend Norseal penetrating sealer be applied to Norstone products after installation, the sealer does not generally alter the appearance of Natural Stone, however we would advise applying a test coat on an off- cut prior to full application onto a completed project.

Note: The Laticrete products detailed above must be mixed and applied as per the latest Technical Datasheet.

Technical Information regarding Laticrete, Norstone and the Hardie installation can be found at <https://www.norstone.co.uk/technical-library.html>

3.TIMCO COMPOSITE CLADDING BOARD PANELS

Composite cladding, timber effect Timco classic composite cladding panels in Brown 151x10mm panels Vertically fixed to 50x25 treated, sawn softwood battens to manufacturer's specification.

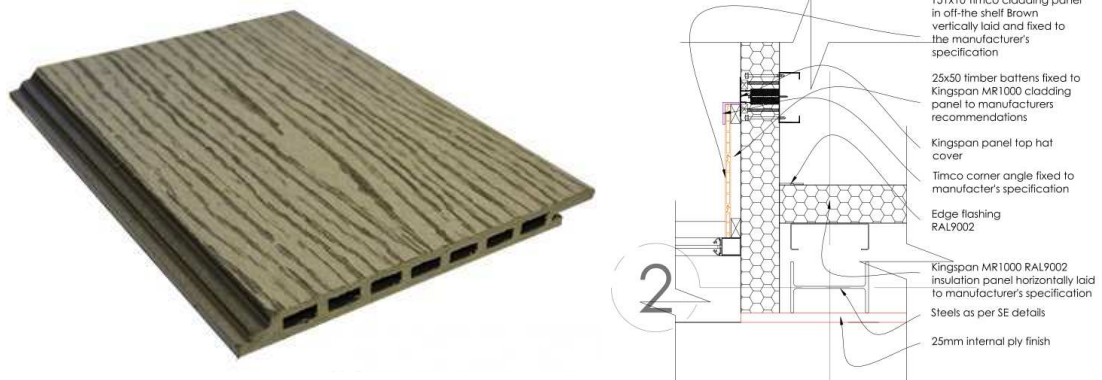


Fig 3

Example of the Timco Cladding Board panel and construction plan detail and photo of typical KFC unit indicating location of Timco cladding and Norstone cladding



ECONOMICAL, ECO-FRIENDLY
CLASSIC WOODGRAIN EFFECT

Composite Cladding

Timco Wood's WPC cladding is an ever increasingly versatile and popular choice for finishing the outside of both domestic and commercial buildings, offering an attractive yet economical, environmentally friendly option.

Manufactured from 100% FSC® certified timber and recycled high density polyethylene, it provides a strong, durable, hard wearing, low maintenance protective barrier against the elements along with excellent insulation properties.



Timco Wood

Unit 4 Senate Place, Off Whitworth Road, Stevenage, Herts. SG1 4QS

Tel: +44 (0)1438 311203 | Web: www.timcowood.com | Email: info@timcowood.com



composite cladding



Inspirational exteriors suitable for offices, hotels, architectural fascias and leisure centres, as well as a quality refurbishment to modern dwellings.



Eco-Friendly - Sustainable - UV Stable

Timco Wood composite cladding profiles can handle whatever the weather throws at them. Their robust impact resistant surface not only protects the building, but also gives your premises a stylish, modern exterior.

The unique properties in manufacture combine the warmth and feel of timber along with the longevity, strength and durability of plastic offering a protective weather resistant finish and improved insulation.

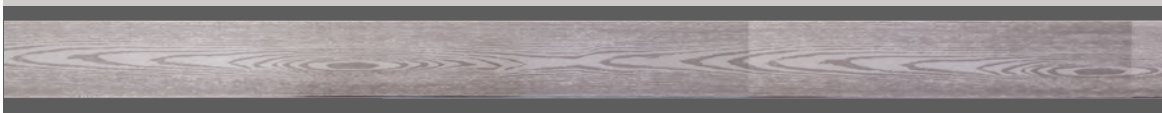
TYPICAL CLADDING INSTALLATION



CODE	IMAGE	TITLE	DIMENSIONS	COLOURS
TC001		Composite Cladding Panel	Length: 3600mm Width: 10mm Height: 151mm Weight: 2.53kg	Redwood & Grey Surface 1: Woodgrain
TC007		Composite Cladding T Cover	Length: 2200mm Width: 80mm Height: 20mm Weight: 4kg	Redwood & Grey Surface: Sanded
TC003		90° External Cover Trim	Length: 2200mm Width: 58mm Height: 58mm Weight: 1.85kg	Redwood & Grey Surface: Sanded
TC005		Stainless Steel Concealed Clip & Screw	Length: 40mm Width: 25mm Height: 5mm	Stainless Steel
TC006		Stainless Steel Starter Clip & Screw	Length: 30mm Width: 30mm Height: 5mm	Stainless Steel
TC008		Stainless Steel Locking Clip & Screw	Length: 40mm Width: 25mm Height: 5mm	Stainless Steel



Our cladding comes ready to fit using our concealed stainless steel fixing system making installation a simple cost effective procedure. Panels can be fitted horizontally, vertically or angled.



Designed to use either as a partial or full weatherboard cladding, our smart composite cladding can be used to give instant impact when applied to new build or the modernisation of a property.



Timco Wood

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