LS LOCKSTONE

INNOVATIVE
NATURAL STONE

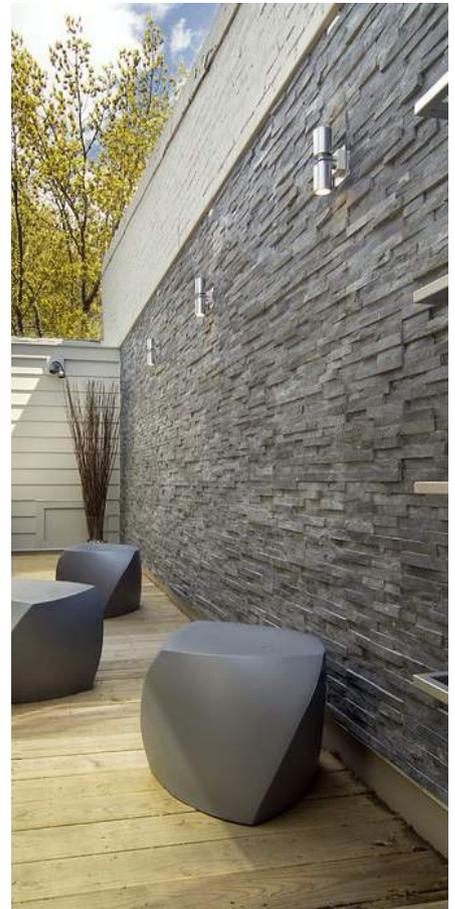# CONTENTS

Lockstone is a 100% natural stone cladding system designed to create a seamless and authentic look to both interior and exterior walls.

Why use **Lockstone?**

Natural
At Lockstone we only use natural stone. We've handpicked a range of slates and quartzites to finish your home with character and charm.

Simple
Lockstone doesn't require the specialist skills of a traditional stone mason. It is also up to 10 times quicker to install than a traditional stone wall.

Multipurpose
The beautiful range of stones, colours and textures will suit both internal and external use. Lockstone can be used on feature walls, full structures, fireplaces, bathrooms and even patio walls.

Seamless
The clever Z Shaped panels lock together to create a seamless finish. Purpose made corners complete the authentic stone look.

Economical
When you use Lockstone you save both on installation costs and with much less wastage than a traditional stone wall.

1 Lockstone innovative natural stone

SLENDER
RANGE

Lockstone Slender Range uses 100% natural stone to create a stunning feature wall. This versatile product can be used internally on feature walls, fireplaces, and bathrooms or externally on garden walls and courtyards. The thin stone veneer comes in Z shaped panels that lock together to create a beautiful authentic finish. Lockstone The Lockstone Rough panels are thicker and create a more textured finish.

Charcoal - Rough

Platinum - Rough

Rustic

Oyster

Charcoal

Charcoal Slate XL

Antique Quartzite XL

Natural Sand XL

XL Range

Lockstone's XL Range uses natural slate and quartzite mounted on a mortar back. The XL range boasts the characteristic look of a traditional stone and the ease of fitting that comes from Lockstone's interlocking panels.

CORNERS

Lockstone's clever corner panels create the natural rugged finish to an external corner. Each of both the slender and XL ranges come in a 2-piece set. Alternatively edges can be rendered to create a contrasting frame around an opening.

PROFILE

Lockstone Slender

Lockstone Slender Rough

Lockstone XL

up to 20mm
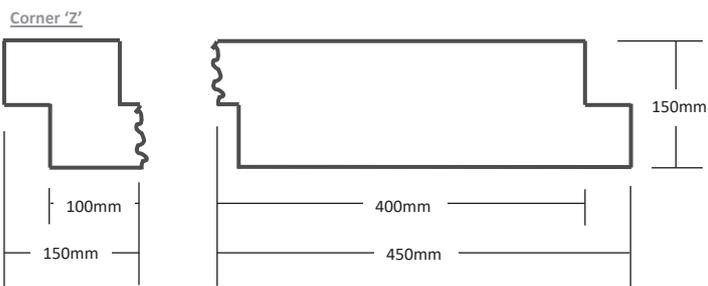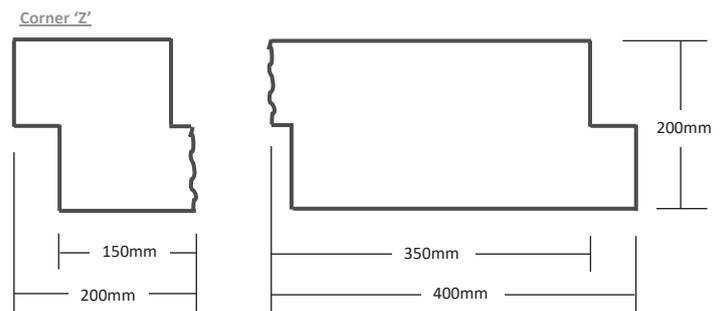
up to 35mm

up to 45mm

SIZES

Slender

Corner 'Z'

100mm
150mm

400mm
450mm

150mm

Plain 'Z'

550mm
600mm

150mm

XL

Corner 'Z'

150mm
200mm

350mm
400mm

200mm

Plain 'Z'

550mm
600mm

200mm

FIXING

1. Lockstone can be fixed either:
   I. Directly onto concrete block walls or
   II. Approved heavy duty building board (deemed to support over 90kg/m2 for Lockstone XL, 60kg/m2 for Lockstone Slender Rough and 45kg/m2 for Lockstone Slender)

   Lockstone should not be attached onto plaster, Gypsum board or painted walls as the weight of the panels is likely to pull this from the wall. It is important to remove any debris and dust to ensure a secure fixing.

2. To calculate where to begin tiling, measure the height of the wall and divide by the height of the particular Lockstone panel (150mm or 200mm). Fix a wooden baton on the wall at a level to leave space for an integer number of panels above. Ensure the baton is level. (The wooden baton can be removed and the space filled using offcuts when the adhesive has completely set). If tiling an external corner, start with the corner and work toward the centre of the wall (alternating the position of the long and short corner pieces to create the most seamless finish). Tiling should not be done in weather below 5°C or over 32°C. A wooden supporting baton is not necessary for the Lockstone Slender range when using a non-slip adhesive as recommended below.

3. It is good practice to seal the back of Lockstone Slender panels using diluted PVA before using adhesive.

   a. Lockstone XL - using a good quality masonry tile adhesive it is important to ensure surfaces of both the wall and panel are completely covered using a notched trowel. Press the panel into the wall and slide slightly into position. The use of a rubber mallet and occasionally removing a panel to ensure no air bubbles is advised. Clean the edge of each panel from any excess tile adhesive to ensure tiles fit neatly together without leaving a gap.

   b. Lockstone Slender and Lockstone Slender Rough – use a good quality flexible masonry tile adhesive. Lockstone recommend Xcel™ Masonry Grab Adhesive, applying 6 vertical evenly spaced beads at the back of the each panel.

   c. A temperature resistant tile adhesive is strongly advised when placing near fireplaces and stoves. Follow the adhesive manufacturer's guidelines. It is also important to follow stove manufacturer's guidelines on clearance distances and keep tiles far enough away so as not to exceed 120°C.

4. A table saw or grinder can be used to cut the panels, although particular care should be taken and appropriate safety googles and clothing worn. Cut the panels to leave the Z shape to ensure a seamless finish.

5. It is important to use the built-in fixing clips if attaching Lockstone XL panels above 2.5m. Fixing of the Lockstone Slender panels is not advised over 2.5m high.

Lockstone XL 2 piece
corner with built-in fixing clips

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For more information about Lockstone, please visit

www.lock-stone.co.uk

Dealer Stamp: