

All Stone

Cut Granite Specialists Ltd

The Ledgestone Z-Panel Cladding System, Is A Natural Stone Modular Panel Cladding System

It creates a stylish veneer, whether building a contemporary or traditional design. It has multiple interior and exterior applications. The modular z-shaped panels give a seamless finish for straight walling and cornering making it virtually impossible to detect. Ledgestone Z-Panel clad walls can be erected in a fraction of the time taken by conventional methods.

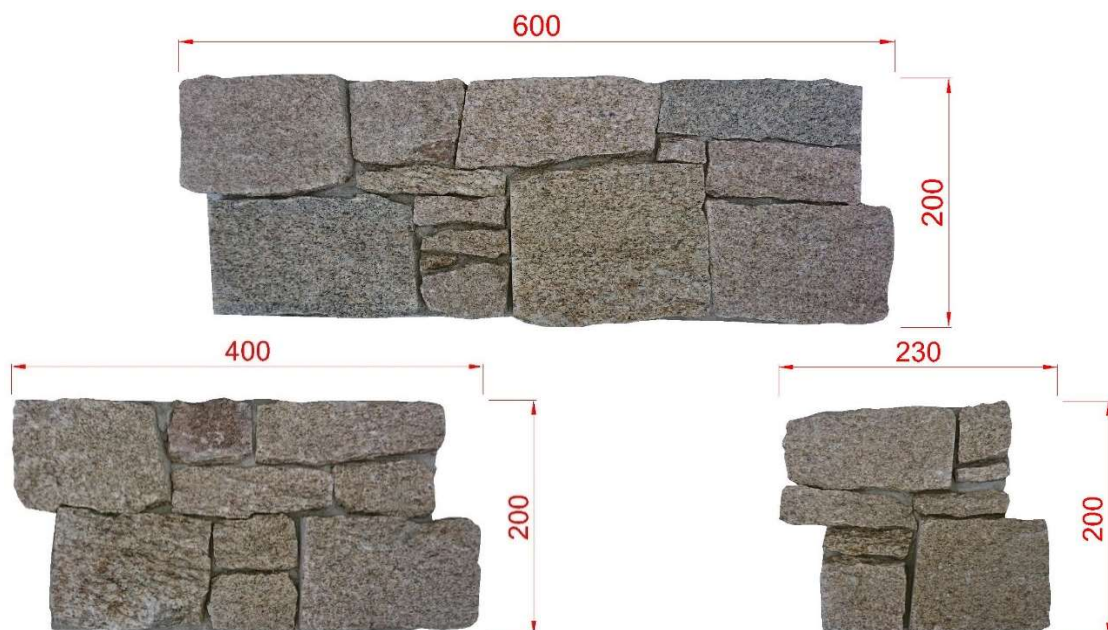
Benefits Are As Follows:

- Fast, simple and economical to apply.
- Easy to use, no specialist skills required.
- Natural stone creating a stylish finish.
- Available in a range of colours.
- Suitable for exterior and interior use.

Construction: The Panels consist of Natural Stone embedded in concrete, with a mesh base.

Finish / Colour: Various – Granite, Rusty Quartz, Yellow Quartz, Grey Quartz, Black Slate & Blue Diamond

Product Sizes: Each Box Contains 0.36m² & Holds 4 Panels Of The Following Sizes:
 2 x Large – 600x200x40mm, 1 x Medium – 400x200x40mm &
 1 x Small– 230x200x40mm (Note: thickness can vary slightly)



- Product Weight:** Approx. 75-80kg/m² (*Note: weight will vary slightly due to varying thickness*)
- Certification:** The Ledgestone Z-Panel Cladding System is currently exempt from CE certification, due to the absence of a harmonious European Standard for this product
- Handling & Storage:** The Ledgestone Z-Panel Cladding should be stored in a dry place & kept dry, prior to & during installation. Failure to do so may have an adverse affect on the integrity of the cladding panels.
The Ledgestone Z-Panel Cladding should always be handled with care prior to & during installation, to maintain the integrity of the cladding panels.
- Substrate:** Suitable substrates are Concrete, Concrete Block / Brick, etc. If adhering to timber-frame, a suitable cement board should mechanically be fixed to the wall first.
If applying the stone panels to a smooth mass concrete wall or surface, a suitable primer must be applied to the surface first.
Ledgestone Z-Panel Cladding should not be fixed directly to timber, any plasterboard slabs (or similar), or painted walls.
- Adhesive:** The recommended adhesive for this system is a Flexible Tile Adhesive, e.g. EvoStik Technik – LFT Large Format Tile Adhesive, Bostik MC310 OPF (One Part Flexible)
(*Note: It's recommended cladding over 3m high be mechanically fixed*)
- Fixing:** When applying the stone panel to the suitable wall/substrate, it is imperative to cover the back of the stone panel fully (100%), as well as the wall/substrate fully (100%) with a layer of adhesive. Approx. 7-8mm should be applied to both surfaces. This ensures the stone panels will adhere correctly to the surface.
Failure to do so, may result in the stone panels coming loose, and/or falling off of the wall/substrate as a result of the ingress of water into the voids within the adhesive bed, which can result in expansion & contraction of the water during the freeze/thaw cycle.
When applying the adhesive to both surfaces, use a smooth trowel to apply the adhesive, not a v-notch or square notch trowel. The grooves that may be left with using notch trowels may allow water to penetrate behind the stone panels, as indicated above.
When applying the stone panels, use only your hands to do so, and firmly shove the stone panel to the wall/substrate.
Do not use a hammer, mallet or similar to tap the stone panel against the wall, as this may cause the stone pieces to become loose.
Note: If any of the cladding panels need to be cut to length, or to fit at the end of a run, it is recommended that a wet saw be used to cut the stone panels.



Final Recommendations:

All Stone cannot guarantee the integrity of the Z-Panel Ledgestone Cladding system if any of the above instructions or recommendations are not adhered to, or any of the following points:

Damage resulting from structural settlement, wall movement, contact with chemicals or paint, discoloration from airborne contaminants, and/or staining or oxidation.

In addition to this, All Stone cannot guarantee the integrity of the Z-Panel Ledgestone Cladding system if damage occurs as a result of misuse, abuse, prolonged exposure to liquid or oil, (other than approved sealers & cleaners), neglect, mishandling, unauthorized modification, structural failure, defects caused by acts of "God", or use as a structural member.

If all of the above instructions and recommendations are adhered to, All Stone can guarantee the integrity of the Z-Panel Ledgestone Cladding system, provided appropriate products are used and installers are employed to fit the stone panels.