

- At their core Ezpanels are reinforced with a high strength wire mesh making them extremely impact resistant and easy to handle on site.
- Unlike Bricks and other AAC Systems, the Ezpanel system incorporates its own, state of the art penetration flashing system to ensure all windows and doors are adequately sealed to stop water intrusion. The penetration flashings that are required for this system are installed by the certified contractor and act as a means of secondary weather defence.
- The Ezpanel System has been appraised by the Building Research Association of New Zealand (BRANZ) No. 649 (2009) and carries a 15 year materials guarantee, backed by Specialized Construction Products.
- As the Ezpanel system is able to be installed 'free hanging' over the surface of its cavity, unlike bricks it does not require a strip footing or heavy metal lintels over windows to support its weight. It also does not require extra structural engineering when walls become higher than 2.4m which all reduce on site construction costs.
- The basic material components that are used to produce Ezpanels (i.e. sand and cement) give the finished system the same robust characteristics as plastered brick. However, due to the size and lightweight nature of the Ezpanels they are extremely quick and cost effective to install when compared with traditional plastered brick claddings.
- The open celled nature of the Ezpanels gives them very good resistance to the transmission of airborne sound and helps to increase the thermal capacity of the exterior envelope.
- Ezpanels will not burn and therefore have an ignitability index of zero.
- The Ezpanel System is applied over the surface of a 20 or a 40mm cavity that is created using ultra high density EPS foam battens. The battens act as a shock absorber between the framing and the panels and enable the certified contractor to easily straighten walls before the cladding is installed.
- The Ezpanel certified installer takes full responsibility for creating the cavity behind the Ezpanel System. By having a cavity behind the system any moisture that may penetrate the system for any reason, is able to escape uninhibited without wetting or affecting the structural framing of the building.
- Fixings such as downpipes and lights can be fixed directly into Ezpanel without having to fix toggles or masonry anchors in the wall.
- The surface of the Ezpanels can be easily routed or channeled to create negative grooves/lines in the surface of the finished product which are difficult and expensive to create in other exterior plastered finishes.
- Even after prolonged exposure at 100% RH or after being continually wet and then dried during controlled durability testing there is little discernable change in the nature of the product.