



Versatile Landscape Products

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Adjustable, fast-to-install and lightweight paver and decking support

Elmich Australia Pty Ltd's VersiJack® offers cost-effective, free draining and membrane protection options for paving and decking around swimming pools and on roof gardens, balconies and more.

By eliminating the need for sand or screeds when paving and replacing brick piers for decking, VersiJack® reduces the weight and installation time for pavers and decks in all types of settings.

"VersiJack® is an adaptable product that delivers plenty of advantages," said David Oliver Elmich Managing Director. "VersiJack telescopic or stackable pedestals makes it possible to adjust for height in minute increments up to one metre. Plus its integrated slope compensator also caters for up to 5% falls in the slab."

Unlike brick or metal piers, VersiJack® contains a bearer support that allows 50-75mm beams to be fastened to the unit. With beams then anchored to the perimeter walls means VersiJack® can be positioned on the water proof membrane without causing damage.



VersiJack® effectively support decking at a private residence poolside area in the Blue Mountains, NSW. **The Bearer Holder caters for 50 75mm wide timber bearers (below).**





VersiJack® can be finely adjusted for both height and slope variations.



VersiJack® supports were used in an installation in a mosque in Kuala Lumpur. Each unit supports a load of up to 1.5 tonnes. It also enables easy access to services under the paving.

At a recent upgrade at the University of Adelaide, South Australia, VersiJack® was used to support pavers on extensive courtyard and walkway areas.

Any rainwater quickly disperses through the gaps between pavers and is drained away. Eliminating bedding sand substantially reduced the weight bearing load on the building structure and the air gap between the paver and the water proofed slab also helps to create a cooler building and reduces sound transmission to the level below.

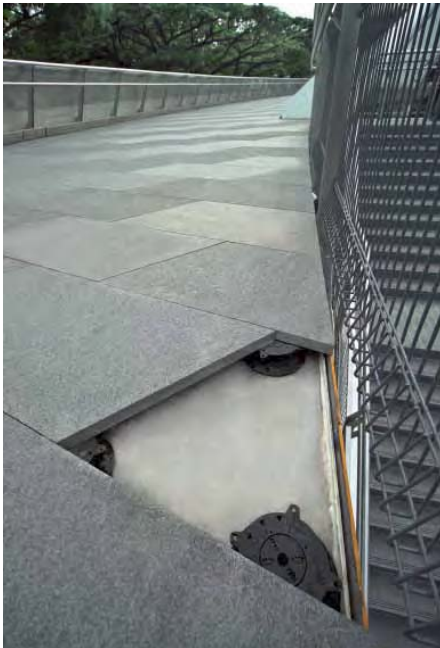


VersiJack® paver supports positioned on insulation board (above) at the University of Adelaide and part of the completed job (left).



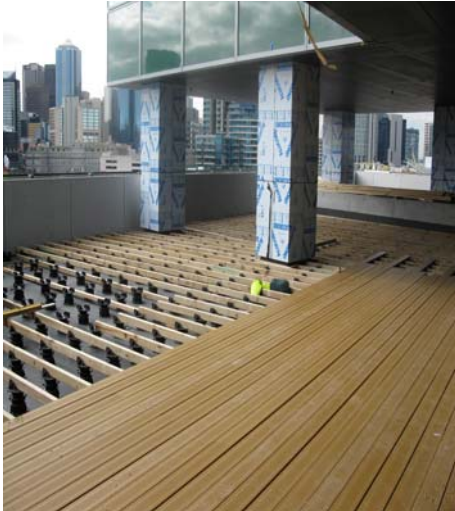
In Brisbane, VersiJack® was used to support 200mm concrete slabs, raised 900mm off the base structure at 'Waterplay' fun park (at left). VersiJack® was chosen because it ensured that a perfectly level surface was achieved and it also provided ready access to services beneath.

Heavy loads such as pre-cast concrete slabs can be accommodated by VersiJack® shown here under the concrete slabs at 'Waterplay' in Brisbane, above and the completed installation at right.



VersiJack® LH was used to support large granite pavers atop a 90m bridge as part of the Alexandra Arch project in Singapore.

VersiJack® pedestals were chosen because they eliminate the need for heavy sand and mortar beds and avoid efflorescence. They can also accommodate the differential expansion between the steel bridge and pavers and enable rapid drainage. Electrical services are concealed but can be accessed easily if needed.



The New South Wharf / Melbourne Convention Centre Precinct (above) utilized VersiJack® to support large decked areas. Stuart Pope from Aspect Studios, a leading Australian landscape architectural design firm, said “ We specified VersiJack® because it offered many benefits including the fact that it is manufactured from recycled plastic, thus contributing to the achievement of Green Building rating tool credits”.

VersiJack® is available in two styles:

VersiJack® LH for low height requirements adjustable in height from 22mm to 75mm using 5mm, 10mm and 20mm extenders

VersiJack® 75 with adjustment from 75mm to 150mm and with extenders (ranging in 75mm to 112mm) may be increased in height to 1.0 metre.

Both units incorporate a slope corrector that compensates for slopes up to 5%.



Slope Corrector and Step Effect

VersiJack® offers a number of important benefits:

- Fast-to-install, cost effective and lightweight facilitating onsite handling.
- Eliminates the use of bedding sand and screeds when paving and replaces brick or metal piers in decking applications, reducing weight bearing loads on building structures.
- Services are concealed but may be easily accessed if required.
- Water proofing membranes are not penetrated.
- Air ventilation, and heat and noise insulation is facilitated.
- Loads of up to 1.5 tonne per unit are supported.
- Unaffected by mould, algae and soil borne chemicals.
- Promotes rapid drainage, enhancing surface safety
- Can accommodate warped timber and varying paver thicknesses.

About Elmich Australia Pty Ltd : For more than a decade, Elmich has designed and created innovations in landscape engineering products. Working closely with specifiers and landscape engineering specialists, Elmich develops customised solutions for residential, commercial, infrastructural and industrial projects world-wide.

Contact Elmich on: +61 2 9648 2073
or
visit our website: www.elmich.com.au
or
e-mail us at: australia@elmich.com.au



ELMICH AUSTRALIA PTY LTD

18/8 Avenue of Americas Newington NSW 2127 Australia

Ph: 61 2 9648 2073 Fax: 61 2 9648 4731 Email: australia@elmich.com.au

www.elmich.com.au