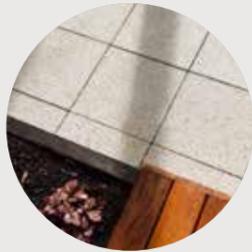




**Sustainable Building**  
Made with 100% recycled materials



**Beauty + Practicality**  
Permeable surface and retention tank all in one



**Super Tough**  
Can be driven on. Highly stain resistant



**Heat Island**  
Pavers are up to 10°C cooler than surrounding concrete or stone

**PRACTICAL,  
SUSTAINABLE,  
BEAUTIFUL**

**To find out more about Jagas HydroPavers:**

CALL 0800 45 24 27

Visit our showroom: 65 Cryers Road, East Tamaki, Auckland

[www.jagas.co.nz](http://www.jagas.co.nz) • [info@jagas.co.nz](mailto:info@jagas.co.nz)

# Introducing the permeable HydroPaver from Jagas

## Sustainable Building Material

HydroPavers are a sintered ceramic paver, made from recycled porcelain tiles. Old tiles are crushed, pressed under 1600 Ton and then baked at 1200°C to form the HydroPaver. The fine dust waste material from this process is then used to manufacture another line of cheap porcelain tiles.



## Permeability & Retention in One

Jagas HydroPavers are truly permeable, meaning that water flows through the surface of the paver. The paver retains 11L/m<sup>2</sup> of water, with further rainfall passing through at a rate of 3mm/min. Water held in the paver will then transpire back into the atmosphere. HydroPavers also have excellent anti-slip properties, with a COF of 0.6 (NZ standard = 0.4).

## Heat & Sound

Because of the micro-capillary structure inside the paver, the air voids actually make the paver retain less heat. HydroPavers remain up to 10°C cooler than surrounding concrete or stone surfaces, making them more comfortable to walk on in summer. The air voids also serve to dampen sound, proving useful in busy urban areas.



## Super Strong

Porcelain is a very strong and hard-wearing material (they are still digging up pieces from Pompeii almost 2,000 years later!). HydroPavers have a compressive strength of 40MPA and are suitable for being driven on. Our 200x100 segment is perfect for driveways, both residential and commercial.

## Low Maintenance

Because porcelain absorbs less than 1/10 of 1% water, HydroPavers are extremely resistant to staining. This means the pavers do not require sealing, which can save you up to \$25/m<sup>2</sup>. HydroPavers are colourfast and will not clog. Any surface clogging can be fixed by a water-blasting. If required, HydroPavers can also be acid washed.



## TECHNICAL SPECS SUMMARY

- Stocked sizes: 200x100x55, 300x300x55, 600x300x55
- Sizes available on order: 300x150x55, 200x200x55, 400x300x55
- Infiltration rate = 3mm/min
- Retention capacity = 11L/m<sup>2</sup>
- Compressive strength = 37MPA
- Heat island (up to 10°C cooler)
- Coefficient of friction = 0.65

**Stocked colours:** Grey, White, Black

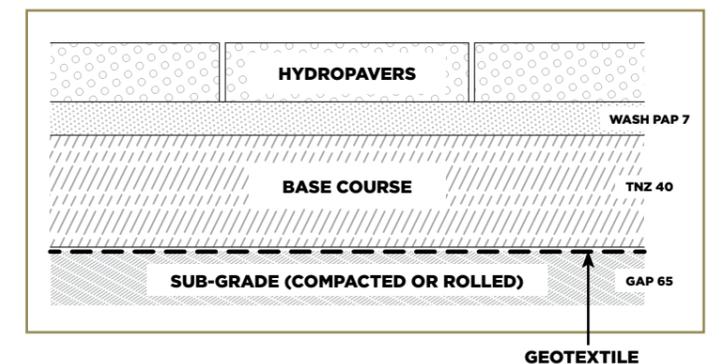
**Colours available on order:** Brown, Yellow, Green, Pink, Blue



## What is Site Coverage and why should you care?

If you're building today, there is a requirement where many properties must have a maximum ratio of impermeable areas (house, driveway, car parking, paved areas) to permeable areas (grass and garden). This is called 'site coverage'.

Unfortunately, if your paved areas (such as your driveway) are impermeable, you have to build a smaller house. You must also be able to retain a minimum amount of run-off from your impermeable areas so you don't overload the storm water system you are connected to.



## Now you can build a bigger home

The good news is, if you use Jagas HydroPaver technology on your driveway, patios and parking areas it won't affect site coverage. And that means you can build a bigger home.

**TO FIND OUT MORE, CALL 0800 45 24 27**