

Wavin AquaGrid

# Pervious Paving System

Immediate Capture  
and Controlled  
Release of Surface Water



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# Wavin AquaGrid

## We See Water Management Differently

Until recently, water has been taken for granted. Without worrying about the amount we use – or waste.

Now it's starting to matter how efficiently water is managed, that's why Wavin is thinking differently. We've redefined our view of each application need in the water cycle.

## Immediate Capture and Controlled Release of Surface Water

Sustainable drainage. It means achieving and maintaining control of rain and surface water, particularly during extreme storm events, and ensuring its safe onward management.

Without it, there are significant risks. Local drainage infrastructure can quickly become overloaded. Flooding may follow, with damage to property and danger for residents. And the precious water may go to waste.

### Avoiding The Hard Surface Option

Continuing residential and commercial development means an increase in hard standing impermeable surfaces. The consequences are inevitable. Less ground where natural drainage is still possible. More rainfall to be managed by other means. And more pressure on man-made drainage.

### Enabling Infiltration at Source

Now there's a useful alternative to the hard surface option that provides an immediate and sustainable solution for any rain that falls on it – AquaGrid pervious paving system from Wavin.

### The Solution

500 x 500mm (nominal) modular square sections of recycled plastic grid, designed to receive pervious infill material for surface water drainage.

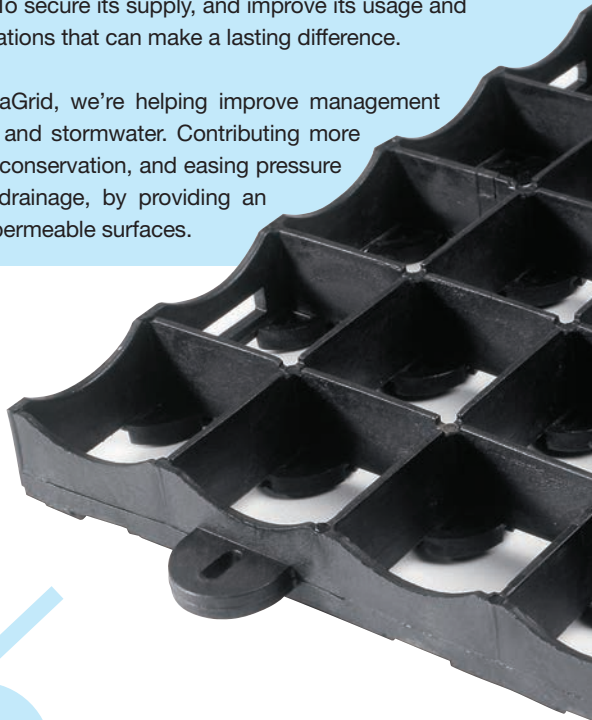
### Serving The Need

For the capture and direct infiltration of rainfall and stormwater, either into the underlying ground, or into an underground attenuation structure. Suitable for car parks, access roads, reinforcement of verges, and for landscaped and recreational areas.

May be used in conjunction with AquaCell Stormwater Management Systems.

It's helped us identify better ways to capture, control, convey and conserve water. To secure its supply, and improve its usage and discharge. Innovations that can make a lasting difference.

With Wavin AquaGrid, we're helping improve management of captured rain and stormwater. Contributing more directly to water conservation, and easing pressure on local mains drainage, by providing an alternative to impermeable surfaces.



Capturing rain water at source is a vital element to good Sustainable Drainage design.

### Delivering The Difference

- ⦿ Lightweight, but strong and trafficable
- ⦿ Quick and very easy to install
- ⦿ Interlocking units to ensure full system stability and integrity
- ⦿ Up to 90% of surface area is available for water permeation through pervious infill: gravel or soil and grass
- ⦿ Assembled units allow lateral flow
- ⦿ Tested for strength, loading and durability
- ⦿ Contributing to Sustainable Drainage Systems (SUDS): supporting the aims of Part H of the Building Regulations





AquaGrid 75 with grass infill.  
White marker blocks are available to denote parking spaces



AquaGrid 50 with gravel as an alternative permeable infill



AquaGrid units interlock, and are secured by pins, for stability

### Applications

- ⌚ Alternative to hard, impermeable surfacing
- ⌚ For trafficked areas such as open car parking and access roads, and for verge reinforcement and landscaped areas
- ⌚ May be used in conjunction with AquaCell attenuation/infiltration structures

### Advantages

- ⌚ Lightweight and easy to install
- ⌚ Interlocking units for good stability
- ⌚ Leaves up to 90% surface area for pervious infill
- ⌚ Enables immediate infiltration of rainfall
- ⌚ Contributing to SUDS and Part H of the Building Regulations

Description	Part number
AquaGrid 50 – 50mm deep	0AG550
AquaGrid 75 – 75mm deep	0AG575
AquaGrid 50 Demarcation Block	0AG504
AquaGrid 75 Demarcation Block	0AG505

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