

# AquaGrid 40

## Pervious Paving System

### 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, and that's why Wavin is thinking differently. We've redefined our view of each application need in the water cycle.

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 40, we're helping to 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.

### 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 traditional 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 40 pervious paving system from Wavin.

### The solution

330 x 330mm (nominal) modular square sections of recycled plastic grid, designed to receive pervious infill material for surface water drainage.

### Serving the need

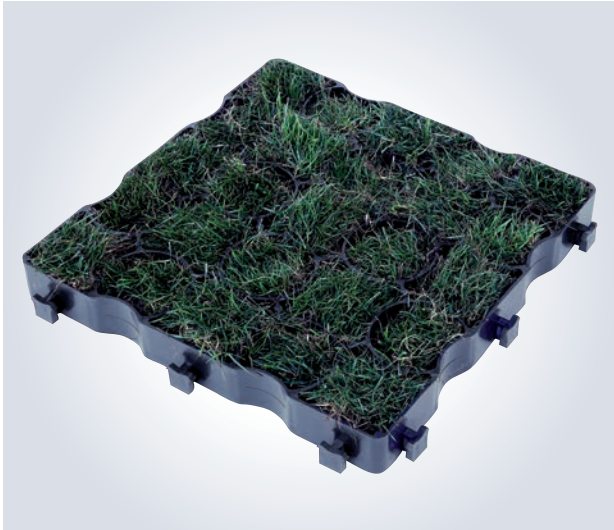
For the capture and direct infiltration of rainfall, either into the underlying ground, or into an underground attenuation structure. Suitable for use on driveways and car parks (where a suitable sub-base has been installed) and for landscaped areas.

May be used in conjunction with AquaCell Stormwater Management Systems.



Capturing rain water at source is a vital element to good sustainable drainage design.

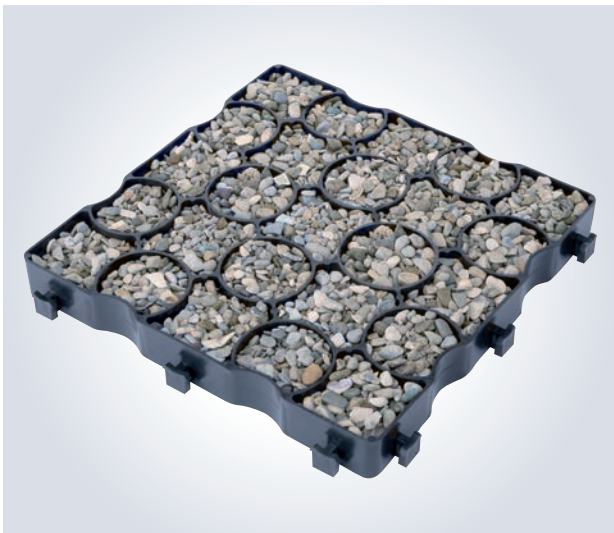
**wavin**



**AquaGrid 40** with grass infill.



**AquaGrid 40** units interlink together without the need for separate locking pins.



**AquaGrid 40** with gravel infill. Pervious paving solution that is quick and easy to install.

### 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
- ⦿ Made from recycled plastic
- ⦿ Tested for strength, loading and durability
- ⦿ Contributing to Sustainable Drainage Systems (SUDS): supporting the aims of Part H of the Building Regulations

### Applications

- ⦿ Alternative to hard, impermeable surfacing
- ⦿ For use on driveways and car parks (where a suitable sub-base has been installed) and for landscaped areas
- ⦿ May be used in conjunction with AquaCell attenuation/infiltration structures

Description	Part number
AquaGrid 40 – 40mm deep	0AG540