



A Case Study
Concrete Setts



EcoGrid X30

A heavy duty linking grid system that allows you to build stronger hardscape spaces by stabilising the base material.

Features

- Heavy duty base stabilisation
- Permeable base stabilisation
- Permeable interlock concrete paving installation
- Interlocking hardscape base support

Contractor Benefits

- Up to 50% base reduction in excavation
- Up to 30% labour cost savings
- Wider pin-point load dispersal
- Reduced warranty call-backs from shifting and sinking
- Reduced risk of poor sub-base compaction
- Sustainable, efficient and profitable

X30- Hardscape Stabilising Base System

Designed for Interlocking Concrete Pavers

EcoGrid X30 from Purus Plastics is a revolutionary product , with 20 tested and proven years in the European market, EcoGrid replaces the old technology of reinforcing permeable ground grid systems in our market and brings the technology to allow us to install Interlock Concrete Paving Systems faster, efficient, and more profitable.

EcoGrid X30 is designed to be suspended in a permeable base under Interlock Concrete Pavers. It acts as a linking heavy-duty biaxial grid system to help better distribute the hydrostatic load on the subsoil. This creates a stronger layering coefficient allowing for heavier weight loads to be driven safely on shallower and more affordable bases without the system failing.



Paving systems have always been built on compacted sub-bases which offered strong tested and proven performance. Within the last decade, the introduction of permeability has been brought in to the innovative European industry, growing innovation for the future of the industry. These permeable systems have removed heavy compaction and fine graded aggregates as base material form the paving sections as the water needs to permeate and exfiltrate through the base material and subsoil.



This is where EcoGrid X30 comes in. When the linking system is suspended within the base, it better distributes the point load on a wider hydrostatic cone on the un-compacted subsoil. The product is designed to be installed in an open clear aggregate base material that requires no compaction. The surface material can either be permeable or non-permeable.

Our patented design is what makes this product superior. The linking squares link, clip, and lock together and the permeable base design allows the product to hold heavy loads without pressing into the base material and still allows for full permeability through the product.

Easy to Install

The EcoGrid X30 interlocking grid system is very easy to install.

Product Info:

- Each grid measures 330mm x 300mm
- Delivered in pre-assemble sheets of 12 grids per sheet
- Approx. 100 m² per person per hour
- Lightweight approx. 20lbs per sheet

