ECO GRID

TECHNICAL DATA SHEET

HYDROGRAVEL PRO Grey

PROFESSIONAL APPLICATION

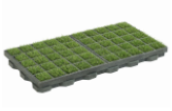
PRODUCT INFORMATION

The HydroGravel Eco grid is characterized by very thick, strong cell walls that form a rigid and stable load-bearing structure. The wall cross-section provides high resistance to compression, point loads, and in-plane forces, making the system suitable for heavily and frequently used surfaces.
The modules are designed for industrial and infrastructural applications, including parking lots, maneuvering areas, loading yards, and technical sites, where maximum ground stabilization is required while maintaining surface permeability.

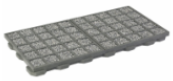
PRODUCT GALLERY



Grass filling



Aggregate filling



Eco grids can be filled with mineral aggregate or with a layer of fertile soil intended for grass seeding, creating a stable, biologically active green surface.

PACKAGING

	STANDARD*
Pallet size	100cm/100cm
Pallet height	2.1
Pallet weight	760 kg
Number of units per pallet	66
Area per pallet (m^2)	33

** Possibility of special product Packaging up to a maximum pallet height of 2.6 m*



TECHNICAL PARAMETERS

Height	63 mm
Dimensions	100cm/50cm
Color	Grey
Weight	11,2 kg
External wall thickness	15,5 mm
Internal wall thickness	12 mm
Number of eco grid clusters	50
Cluster dimensions	82 mm/82 mm
Number of units per m^2	2
Weight $1m^2$	22,4 kg
Material	PP/PE
Raw material	100% Recycled

PERFORMANCE PROPERTIES

Dimensional stability	± 3%
Minimum compressive strength	850 t/m2
Minimum allowable axle load	>450kN/axle
Biologically active surface	85%
Runoff coefficient	0,12-0,20
Application for fire access roads	YES

CERTIFICATES AND DOCUMENTS

National Technical Assessment - Instytut Budowy Dróg i Mostów (Road and Bridge Research Institute)

National Declaration of Performance

EPD certificate

REACH declaration

PRODUCT APPLICATION

- parking areas
- internal and access roads
- roads and maneuvering areas
- infrastructure surfaces
- warehouse and industrial surfaces
- road shoulders
- fire access roads