

## DAK-ROCK GRAVEL STABILIZATION GRID



FIXING PLUG

Code	Description	Dim. (mm)	Pkg.	Pallet	Pallet Dim. (cm)	UM
GAR01-0300	DAK-ROCK - Gravel Stabilization Grid	795 x 1123 x h.30	1 pcs.	38 pcs.	80 x 120 x h.130	pc.
GAR01-0300H	DAK-ROCK - Gravel Stabilization Grid	795 x 1123 x h.30	1 pcs.	80 pcs.	80 x 120 x h.255	pc.
GAR01-0300H2	DAK-ROCK - Gravel Stabilization Grid - Folded	1590 x 1123 x h.30	1 pcs.	19 pcs.	80 x 120 x h.130	pc.

DAK-ROCK is the HDPE gravel and stabilization grid, resistant to frost.

It represents the ideal solution to stabilize gravel and pebbles in for garden paths, pedestrian walkways, terraces and various areas (games, pic-nic, relax) or parking lots.

DAK-ROCK guarantees a compact surface for both pedestrian and vehicular areas and a perfectly draining transit.

Thanks to its highly containing honeycomb structure for gravel and pebbles and to the layer of high-strength geotextile fabric, rainwater can be absorbed more evenly by the ground, ensuring more uniform drainage management and a stable and safety surface.

## DAK-ROCK GRAVEL STABILIZATION GRID

The function of the PP geotextile layer, welded to the honeycomb structure of DAK-ROCK, is both to drain water and to protect against roots, significantly reducing the growth of weeds on the surface.

### KEY DETAILS

#### WHERE TO USE

- Walkways
- Public and private parking spaces
- Gardens and Hanging Gardens
- Pedestrian and cycle paths
- Terraces
- Play areas

#### MAIN FEATURES

- HDPE Honeycomb structure, frost-resistant and with high compressive strength;
- High torsional loads resistance thanks to the geotextile layer welded to the honeycomb structure
- PP Geotextile fabric: tear-resistant, imperishable and anti-pest( it prevents the growth of surface weeds)
- Extremely easy to lay and transport
- No maintenance required
- UV resistant
- Recyclable.

### TECHNICAL FEATURES

#### DAK-ROCK STRUCTURE

- DIMENSIONS: 795 x 1123, Height 3 cm
- Honeycomb DIAMETER 46 mm
- MATERIAL: HDPE
- MAXIMUM SLOPE OF USE: up to 15% for pedestrian areas and 10% for vehicular areas

#### LOAD CLASS TEST ACCORDING TO EN ISO 844

- **Test on empty structure = 140 T/m<sup>2</sup>**
- **Test on filled (gravel) structure = 400 T/m<sup>2</sup>**

#### POLYPROPYLENE NONWOVEN GEOTEXTILE, NEEDLE PUNCHED AND THERMOCALANDERED

- MATERIAL: 100% recyclable PP (Polypropylene)
- COLOR White / neutral
- WEIGHT: 60 g/m<sup>2</sup>

PROPERTIES	TEST METHOD	UNIT	NOMINAL VALUE	TOLERANCE
Average tensile strength	EN ISO 10319	kN/m	3,3	-13%
Average elongation at maximum load	EN ISO 10319	%	> 40	/
Static puncture resistance CBR	EN ISO 12236	N	550	-13%
Waterflow normal to the plane	EN ISO 11058	l/m2s	142	-30%
Characteristic opening size	EN ISO 12956	µm	135	±30%
Thickness	EN ISO 9863/1	mm	0,45	±20%
Mass per unit area	EN ISO 9864	g/m2	60	-10 %

## DAK-ROCK GRAVEL STABILIZATION GRID

### INSTALLATION

1. Creation of the substrate in limestone gravel, porphyry gravel or concrete debris (from 0 to 32 mm or from 0 to 40 mm). (Brick debris are not recommended)
2. Creation of leveling layer, which can be composed of sifted sand and stones with a diameter of max 4 mm
3. Honeycomb stabilizer: lay the DAK-ROCK with geotextile facing to the ground.
4. Upper layer: The DAK-ROCK honeycomb structure must be slightly covered with crushed gravel from 4 to 16 mm in size. In case of use of finer gravel, the indicated thickness is 1 cm, while with thicker gravel, the thickness will be 2 cm

### TECHNICAL DETAILS

