

DAK-ROCK GRAVEL STABILIZATION GRID



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1. DATA AND DOCUMENTATION

Code	Description	Dimensions (mm)	Colour	Weight (kg/pc.)	Pkg / Pallet
GAR01-0300	DAK-ROCK - Stabilizzatore in PE-HD	795 x 1.123 x h. 30	Light Grey	1,8	1 pc. / 38 pcs
GAR01-0300H	DAK-ROCK - Stabilizzatore in PE-HD	795 x 1.123 x h. 30	Light Grey	1,8	1 pc. / 80 pcs.
GAR01-0300H2	DAK-ROCK - Stabilizzatore "a libro" in PE-HD	1.590 x 1.123 x h. 30	Light Grey	1,8	1 pc. / 40 pcs.
GAR01-0400	DAK-ROCK - Stabilizzatore in PP	795 x 1.123 x h. 30	Light Grey	1,8	1 pc. / 38 pcs
GAR01-0400H	DAK-ROCK - Stabilizzatore in PP	795 x 1.123 x h. 30	Light Grey	1,8	1 pc. / 80 pcs.
GAR01-0400H2	DAK-ROCK - Stabilizzatore "a libro" in PP	1.590 x 1.123 x h. 30	Light Grey	1,8	1 pc. / 40 pcs.

MATERIAL Made of PE-HD (GAR01-0300) or PP (GAR01-0400). Polypropylene nonwoven geotextile, needle punched and thermocalandered (weight 60g/m²)

2. DESCRIPTION

DAK-ROCK is the stabilizing sheet for gravel and pebbles made of PP, or frost-resistant PE-HD. It is the ideal solution for stabilizing gravel and pebbles when creating garden paths, driveway footpaths terraces and areas used for various purposes (games, picnic, relaxation) or parking lots. UV resistant

DAK-ROCK provides a compact surface for both pedestrian and vehicular transit and is perfectly draining. Thanks to its highly restraining honeycomb structure for gravel and pebbles and the highly sealing geotextile fabric layer, rainwater can be more evenly absorbed by the soil, ensuring more uniform drainage management and perfect surface stability and safety

The average values of the load class test according to EN ISO 844 are as follows:

- Test on structure at no load = 140 T/m²
- Test at full = 400 T/m²

DAK-ROCK GRAVEL STABILIZATION GRID

POLYPROPYLENE NONWOVEN GEOTEXTILE, NEEDLE PUNCHED AND THERMOCALANDERED (WEIGHT 60G/M2)

- **MATERIAL:** PP 100% recyclable
- **COLOR:** White / neutral
- **GRAMMING:** 60g/m²

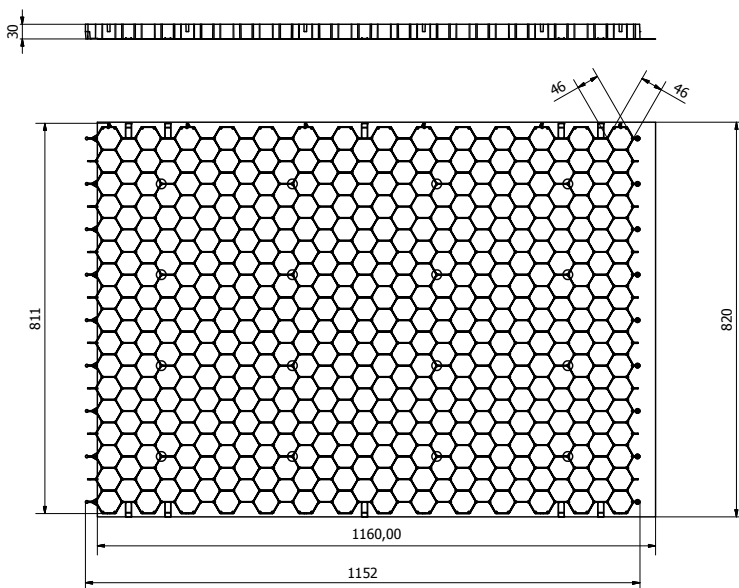
PROPERTIES	TEST METHOD	UNIT	NOMINAL VALUE	TOLLERANCE
Average tensile strength	EN ISO 10319	kN/m	3,3	-13%
Elongation at maximum load	EN ISO 10319	%	> 40	/
CBR static puncture resistance	EN ISO 12236	N	550	-13%
Flow capacity perpendicular to the plane	EN ISO 11058	l/m2s	142	-30%
Pore opening	EN ISO 12956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

3. USE

The function of the porous PP geotextile layer, welded to the honeycomb structure, is both water drainage and protection against roots, greatly reducing the growth of weeds on the surface.

4. INSTALLATION TIPS

1. Creation of the substrate in limestone gravel, porphyry gravel, or concrete debris (0 to 32 mm or 0 to 40 mm).
2. (Brick debris is not recommended)
3. Creation of leveling layer, which can consist of sieved sand and gravel with a diameter of max 4 mm
4. Honeycomb stabilizer: Lay DAK-ROCK stabilizing slab with geotextile facing the ground.
5. Top layer: Fill with granule of size 4 to 12 mm. For driveway use, granule of harder aggregates such as porphyry, basalt and granite is recommended.
6. Completion: Cover the top of the Dak-Rock alveoli with a 2-cm layer of granule



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5. TECHNICAL SPECIFICATION

Item	Description	Unit	Price
Dak.O.GAR01.0xxx	Supply and installation of stabilizing slab for gravel and pebbles made of PP, or frost-resistant PE-HD, ideal for stabilizing gravel and pebbles in case of construction of garden paths, driveway footpaths terraces and area used for various purposes (games, picnics, relaxation) or parking lots. Equipped with porous PP geotextile layer, welded to the honeycomb structure, functional for water drainage and protection against roots, also greatly reducing the growth of weeds on the surface. Made of PE-HD (GAR01-0300) or PP (GAR01-0400).		
Dak.O.GAR01.0300	795 x 1.123 m.....	pc.	-
Dak.O.GAR01.0300H	795 x 1.123 m.....	pc.	-
Dak.O.GAR01.0300H2	1.590 x 1.123 m.....	pc.	-
Dak.O.GAR01.0400	795 x 1.123 m.....	pc.	-
Dak.O.GAR01.0500H	795 x 1.123 m.....	pc.	-
Dak.O.GAR01.0500H2	1.590 x 1.123 m.....	pc.	-