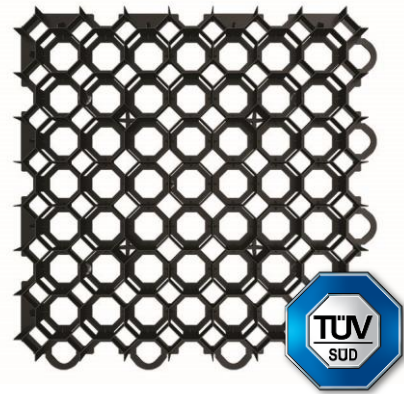


### GRASS/GRAVEL GRID

- TYPE: **SG 1**
- DIMENSIONS: 490 x 490 x 39 mm
- COLOUR: black, green



**Manufacturer:** ML SP. Z O.O., Berylowa 7, 82-310 Gronowo Górne, Poland

### TECHNICAL SPECIFICATIONS

COMPRESSION STRENGTH	≥1,2MPa
COLOUR	green(olive), black
DIMENSIONS:	
- length and width with hooks	490 mm ± 3%
- length and width without hooks	468 mm ± 3%
- height	39 mm ± 1,5
- wall thickness	5 mm ± 1,5
WEIGHT	0,990 kg ± 0,1
MATERIAL	HDPE/PE 100% recycled
STATIC LOAD	70 kN
LOAD BEARING CAPACITY (depending of the filling)	up to 400 T/m <sup>2</sup>
LOAD BEARING CAPACITY (unfilled)	≥ 122,365 T/m <sup>2</sup>
GREEN AREA	96%
NUMBER OF PCS / m <sup>2</sup>	4,56

### SUITABLE

The grid systems are intended for soil reinforcement along circulation routes that need uniform, stable and naturally permeable paving.

- Residential housing and hotel grass or gravel parking lots
- Access and fire roads
- Slope revetment and pond shore stabilisation
- Camping grounds and golf courses
- Tramway trackbed
- Pedestrian and bike lanes
- Green features in parks, gardens and residential projects
- Outdoor gym areas
- Garage driveways, garden paths and house perimeter drainage

### Certificates and applied research methods

PN-EN ISO 1183:2011	0,935-0,965 g/cm <sup>3</sup> (density)
PN-EN ISO 1133:2011	2-4 g/10 min (MFR 230°/2,16 kg)
PN-EN ISO 179:2011	≥4 kJ/m <sup>2</sup> (toughness)
ZKP/ISO 9001:2015, ISO 1400:2015	Decrease in compression strength: - after soaking in gasoline ≤20% - after freezing ≤10%

In accordance with the DIN EN 1072:1985 Institut für Kunststoffe TÜV SÜD Industrie Service GmbH (IS-AN5-MUC) standard, it can be used on fire emergency roads.

Batch: the batch number is the production date on the package.

