

VEVOR[®]

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GEO GRID

MODEL:50-400/50-450/75-500/100-450

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and dose not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

IMPORTANT SAFEGUARDS



WARNING: Read and understand this entire manual before operating or servicing this product. Failure to follow these warnings and instructions can cause personal injury or damage to valuable property.

- Avoid children using geo grid. And this product is not a toy. Do not allow children to play with.
- Keep away from sharp points, blades and other items.
- 2. Wear ANSI-approved work gloves during construction.
- 3. Keep construction area well-lit.
- 4. Keep bystanders out of the area during construction.
- 5. Do not operate when tired or when under the influence of alcohol, drugs or medication.
- 6. Product capabilities apply to properly and completely assembled product only.
- 7. For additional information regarding the parts listed in the following pages, please refer to the Assembly Diagram of this manual. Unwrap and separate all parts in a clean work area. Please keep small spare parts out of children's reach.

SAVE THESE INSTRUCTIONS

PREPARATIONS

- ◆ Clean the project area according to the requirements of the drawings, ensuring the flatness and cleanliness of the area.
- ◆ When the ground area is uneven, it is necessary to clean the ground or add a layer of supplementary material to pave it.
- ◆ Before construction, the size of each exposed compartment hopper should be calculated based on the stretching length of each group of compartments. The excess part at the connection is generally not within the calculated length to prevent uneven hopper size and affect the appearance.

SIMPLE INSTRUCTION

<p>Step1:Open the cardboard box and remove the geo grid</p>	 A photograph showing several stacks of cardboard boxes in a warehouse or storage area. The boxes are arranged in neat rows, and some are open, revealing the dark-colored geo grid material inside.
<p>Step2:First, fix the edge of the geo grid , fully expand the geo grid, and connect it properly</p>	 A close-up photograph of the geo grid material. It consists of a dark, perforated plastic sheet with a grid of raised, diamond-shaped cells. The material is shown being connected to another piece, with the overlapping edges and the locking mechanism visible.
<p>Step3: Connect the geo grid and start backfilling.</p>	 A photograph showing the geo grid installed on a prepared surface. The grid is covered with a layer of grey gravel, demonstrating the backfilling process. The grid's cells are clearly visible, and the gravel is being placed into them.
<p>The geo grid driveway is perfect for slopes or flat areas and works for patios, parking areas, driveways, walking paths, and more.</p>	 A collage of four photographs showing various applications of the geo grid. The top photo shows a large-scale construction site with a yellow excavator and a large area of the grid being laid out. The bottom-left photo shows the grid used for a drainage ditch. The bottom-right photo shows the grid used for a parking area. The bottom-center photo shows the grid used for a slope stabilization project.

LAYING PROCESS AND SPECIFIC METHODS:

1. Unfold the bundled grid, place its outer edge along the gray line, and fix both ends with grid accessories anchor rods to fill the soil inside the cell. Generally, fill it to two-thirds of the height of the geotechnical cell first, and compact the soil inside with an iron rod.
The main purpose is to facilitate the overall linear adjustment after the formation of the geotechnical cell.
2. At this point, the connection of the second compartment can be carried out, and the interior of the first compartment can continue to be filled with soil to a height exceeding two-thirds of the panel height. Then, use an iron rod to compact the soil with a heavy hammer.
The remaining soil can be filled together during the filling of the wall cell until the entire cell construction is completed.
3. When adjusting the panel line type, attention should be paid to identifying the parts that are not easily deformed for line control.
For compartment panels, the accessories connected to the panel can serve as control points.
4. After positioning, the filling should be uniform to ensure uniform size inside the cell; In addition, fine-grained soil must be used for filling the interior of the cell, especially in the areas that come into contact with the exposed materials of the cell panel, to avoid local bulges on the surface of the panel and affect its aesthetics.
5. For stacked flexible retaining wall walls, the panels are fixed as one with the wall, and there is no need to control the elevation of each layer. After controlling the elevation of the bottom layer, subsequent layers can be controlled according to the filling thickness.

Caution:

- ◆ It is necessary to pay attention to the weight of the rolling machine and use a construction machine that is suitable for the foundation condition;
- ◆ Determine the height of the filling soil based on the foundation conditions, generally greater than or equal to 30 centimeters;

SPECIFICATIONS

Model	50-400	50-450	75-500	100-450
Depth	50mm	50mm	75mm	100mm
Load	9.2t/m ²	9.2t/m ²	9.2t/m ²	9.2t/m ²
Unfold size (mm)	8200*1200	5200*2740	7600*2900	5200*2700
Cell size (mm)	200*200	240*210	250*250	240*210
Material	HDPE	HDPE	HDPE	HDPE
Color	black	black	black	black

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