



# MUD CONTROL GRIDS

GROUND REINFORCEMENT WITHOUT GROUND PREPARATION SUITABLE FOR ANIMALS



## SPECIFICATIONS

Length	19 11/16"
Width	19 11/16"
Height	2 3/32"
Weight/grid	14.8 lbs
Weight/ft <sup>2</sup>	5.5 lbs
Coverage/grid	2.7/ft <sup>2</sup>
Items/pallet	164 units
Coverage/pallet	441 ft <sup>2</sup>
Material	100% recycled plastic
Connection	Overlapping tabs
Color	Gray

## KEY FACTS

- » Anti-slip design with ideal aperture size for horses
- » Excellent water drainage through the surface
- » Durable, non-rotting and weather resistant
- » Minimal ground preparation required
- » Frost and UV-resistant
- » Low maintenance and cost effective throughout the product life
- » Interlocking design enables easy and quick installation
- » Easy to extend or remove at any time
- » Over 21 million square feet installed over past 20 years

### Permeable design

Excellent water drainage through the surface.

### Load capacity

Suitable for loads up to 5.6 tons per ft<sup>2</sup> (60 tons per m<sup>2</sup>).

### Ground erosion

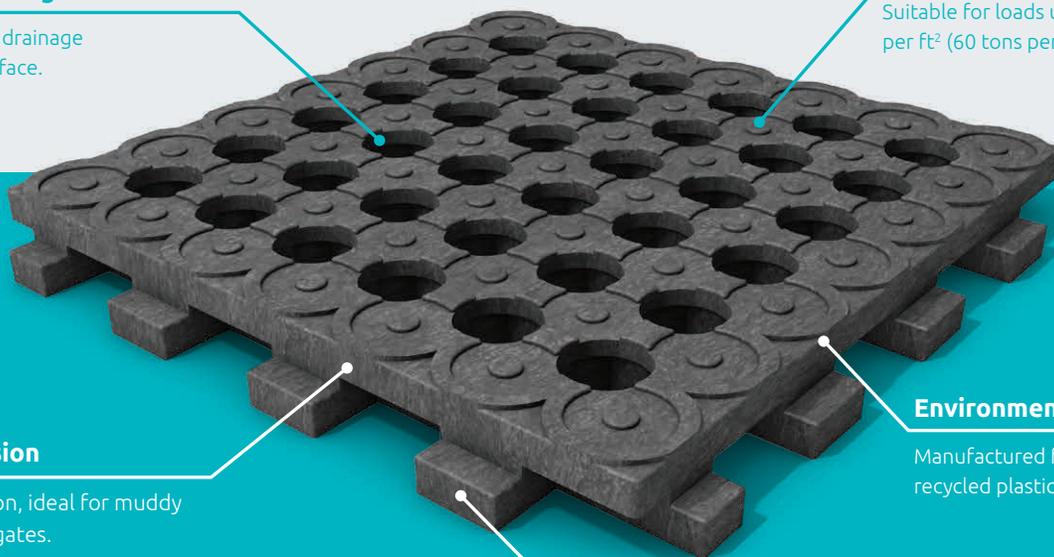
Prevents erosion, ideal for muddy paddocks and gates.

### Environmentally friendly

Manufactured from 100% recycled plastic.

### Stable

Interlocking design creates a stable, self-supporting structure.



## LAYING INSTRUCTIONS

In most cases, including horse or tractor use, Mud Control Grids can be laid directly onto mud without any ground preparation. For very soft ground, longer lasting installations or even just a more attractive finish, follow the steps below:

### Step 1

Before installing the grids, a 2" gravel layer will improve support and drainage for very soft ground. A 2–4" layer of wood chips can also be used to create a flexible base.

### Step 2

Mark out and level the installation area, filling any dips or depressions with granular material. For soil types like heavy clay, installing a non-woven needle-punched 3.5 oz geotextile (with 6" overlap) will prevent the gradual loss of infill material into the ground.

### Step 3

Use a string line as a level and alignment guide (allowing for adjacent edging or fencing). Lay the grids along the line, leaving a ¼" gap between grids. Use the tabs on the Mud Control Grid edges for level alignment.

### Step 4

To create a staggered bond, begin the second row with a half grid (grids can be cut with a skill or bench saw, just like wood). Lay the second row, leaving a ¼" gap between the first row and between each new grid. Use the other half grid at the end of the row. Small adjustments to maintain alignment can be done with a lever.

### Step 5

When the Mud Control Grids have been installed, the grid holes can be filled with permeable material. Coarse sharp sand is ideal or ¼–⅝" gravel can also be used. A ton of sand or gravel will fill around 140 grids (375 ft²). NB. If using gravel, make sure all gravel is cleared from the surface before use.

### Step 6

Mud Control Grids can be used without a finishing or tread layer. However, for general use and especially for shod horses with all season stabling, we recommend a final 2–4" layer of riding sand or fine sand with 2% clay (protecting against frost and reducing the risk of slipping hooves). Use a roller or plate vibrator to lightly compact the sand before use. Top up the sand each year to keep surfaces looking good and in top condition.

### Expansion

Mud Control Grids expand by ¼" per unit per 50°F/10°C change. The recommended ¼" gap between grids covers a temperature change of over 140°F/60°C. For very large areas, a 2" gap can be introduced every 100 grids if desired.

