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## VersiGrid Bonner MT

### Manufacturer's Fact Sheet Farm and AG **VersiGrid™ M/D1.5 grade**

Branded as *VersiGrid™* in the USA and Canada

#### Product Name:

Made in the USA

#### Product Description:

self-connecting grid tiles: 12" x 12" x 1.5 inches tall (30.48 x 30.48 x 3.81 cm) made of durable elastic high-pressure recycled plastic.



The grid tiles are resistant to fracture (flexible from -58 to +194 F, -50 to +90 C) resistant to UV and freezing

Resistant to ammonia, most acids, street salt, gasoline, and petroleum products  
100% recycled content/recyclable content.

**VersiGrid™ M/D1.5** is safe to use around ground water and plants

#### Suggested Applications and usages:

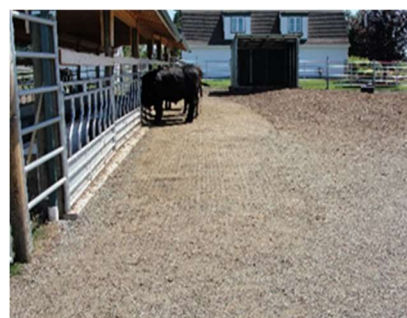
#### Equine Applications

Horse stables, paddocks, arenas  
Turnouts and riding paths  
Race tracks  
Side yards at homes  
Slope retention for hillsides and erosion control  
Livestock wash areas  
Driveways and parking areas.  
Drainage culverts and ditches  
Dog kennels and runs  
Grassy Park public areas  
Driving roadways through lawns



#### Cattle and Dairy Applications

Feedlot footing  
Pasture management (prevention of nutrient runoff into surface waterways)  
Exercise/turnout areas  
Pervious confinement pen flooring  
Traffic paths through pastures (prevents soil compaction/mud creation)  
Trailing and loadout areas



#### Other Applications

Loading zones  
Drainage culverts and ditches  
Slope retention and erosion control  
Pervious Parking - green grass parking lots  
Pervious Parking - natural crushed gravel roadways and driveways.  
Grass Reinforcement - prevention of damage to root structures from traffic

#### Installation:

**VersiGrid™ M/D1.5** may be "cut to fit" at the installation site quickly and free of problems, pre-cutting is not required. **VersiGrid™ M/D1.5** may be cut with an angle grinder or circular saw, for small jobs with the com pass saw or handsaw and the like.

refer also to:

Brochures, etc » [www.versigrid.biz/brochures\\_downloads](http://www.versigrid.biz/brochures_downloads)

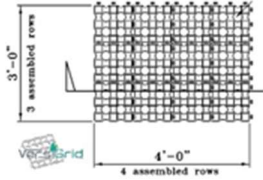
**Technical Information:** \* According to current state of knowledge without claim to completeness.



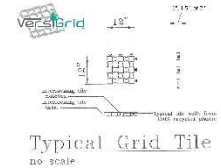
*The following typical, generic information is provided for illustration purposes only.*

**VersiGrid™ M/D1.5 grade**

Dimensions: 12" x 12" x 1.5 inches tall (30.48 x 30.48 x 3.81 cm)  
Cell width: 2.2 inches avg. (5.58 cm)  
**Porosity: 86% Open**  
Wall thickness I/O: 0.150 / 0.200 inches  
Weight: 1.46 lbs ea (7.10 kg ea)



Compressive Strength: more than 12.3 US t/ft<sup>2</sup> (120t/m<sup>2</sup>)  
Load bearing capacity:  
Standard color: 25 tons/axle (22.7 mt/axle) black



**Material:** 100% recycled plastic, proprietary blend [ <5% pigment, Anti-UV, carrier agents, etc.

*The following are*

*provided only as concepts and guidelines.*

*These are not provided as specific installation instructions. Please request information concerning your project ...*

Colorant: Coloring by means of 1-3% pigment, UV-Stabilized  
Stability of shape: Temperatures from -58 to +194 F (-50 - +90 C)  
Change of Shape: <0.5% (at median temperature +68 to +176 F)  
Absorption of moisture: 0.01%  
Environmental compatibility: harmless to plants, soil, air, and water micro-organisms, groundwater neutral  
Solubility: Resistant to acids and solutions (salt, Ammonia, acid rain, etc.) as well as alcohol.

Guaranteed resistance to pressure of the surface: 12 US Tons/ft<sup>2</sup> || 120 mt/m<sup>2</sup>

Delivery form: 12 pieces per sheet ("layer" on pallet)  
Installation speed: up to 1000 ft<sup>2</sup>/hour/man (100 m<sup>2</sup>)

**Ground Preparation:** Depends upon site condition: **LOCAL conditions and usage will prevail.**  
(generic, not site-specific):



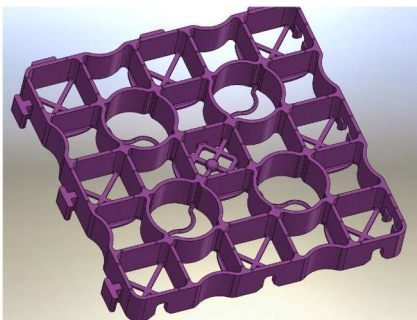
- **Drainage - if required:** Construct a drainage layer using 5/8" - 1.5" clean, angular gravel (a.k.a "#57 Clean", 5mm-38mm diameter)  
Depth of this layer will depend upon the local soil type, ground condition and climate. From 2 - 24" depth (5-61 cm)
  - **Subbase:** Introduce an equalizing (leveling) layer of 5/8"-3/4" diameter clean/washed, angular gravel. Depth of this layer should be a minimum of 2-4 inches (5 to 10 cm)  
Gravel/sandy soil mix (60/40) is used for grass applications
- Lay out the pre-assembled 12-piece layers of grids, snap them together and consolidate by tamping with plate vibrator or heavy cylinder.
- For backfill, an angular or round medium may be used.
  - Fill the open cells with 5/8" diameter or smaller clean, washed gravel.

**Installation:**

**Backfill:**

**Finished Surface:**

For ease of cleaning, an overfill is recommended.  
For the overfill/top cover, a rounded clean stone ("p-gravel," "coarse grit" or "buckshot") and/or clean sand may be used.  
The size of the backfill medium should be sufficient to preserve drainage (sufficient void space), and to resist migration (due to wind or water), while remaining small enough to provide cushion and to work easily with hand tools.



**Delivery:** VersiGrid™ M/D1.5

Pallet= 720 ft<sup>2</sup> (66.89m<sup>2</sup>) = 60 layers (1 layer= 12 pieces) = 720 pieces/Pallet

**Pack dimensions**

Dimensions of pallet : = 37 x 49 x 96 inches (93.98 x 124.46 x 243 .84 cm)  
Approx Weight/ pallet : = 1,060 lbs/pallet (480.81 kg/pallet)  
Contents of Container : = varies per carrier (20 or more pallets/load typ.)

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