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VersiGrid Bonner MT

## Manufacturer's Fact Sheet Farm and AG

### **VersiGrid™ H/D2.0 grade**

**Product Name:**

Branded as *VersiGrid™* in the USA and Canada.

**Product Description:**

Made in the USA

self-connecting grid tiles: 12" x 12" x 2 inches tall (30.48 x 30.48 x 5.08 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.

**Suggested Applications and usages:**

**VersiGrid™ H/D2.0** is safe to use around ground water and plants.

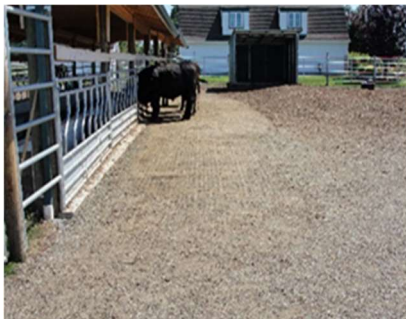
### **Equine Applications**

- 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)
- Trailering 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™ H/D2.0** may be "cut to fit" at the installation site quickly and free of problems, pre-cutting is not required. *VersiGrid™ H/D2.0* may be cut with an angle grinder or circular saw, for small jobs with the compass saw or handsaw and the like.

refer also to:

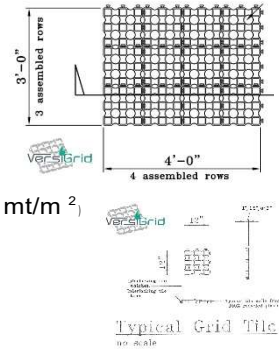
Brochures etc» [www.versigrid.biz/brochures\\_downloads](http://www.versigrid.biz/brochures_downloads)

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



**VersiGrid™ H/D2.0 grade**

Dimensions: 12" x 12" x 2.0 inches tall (30.48 x 30.48 x 5.08 cm)  
 Cell width: 2.1 inches avg. (5.33 cm)  
**Porosity: 82% Open**  
 Wall thickness 1/0: 0.215 / 0.215 inches  
 Weight: 2.15 lbs/ ft<sup>2</sup> (10.54 kg/m<sup>2</sup>)  
 Compressive Strength: in excess of 35 US t/ft<sup>2</sup> (341 mt/m<sup>2</sup>)  
 Load bearing capacity: 35 tons/axle (31.75 mt/axle)  
 Standard color: black



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

*The following are provided only as concepts and guidelines.*

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

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

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: 35 US Tons/ft<sup>2</sup> || 341 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>)

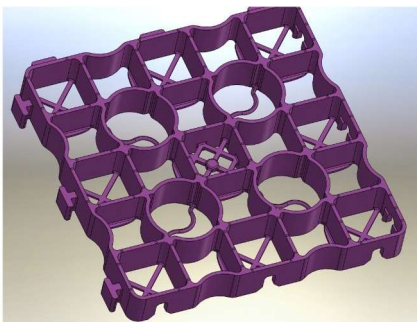
**Ground Preparation:** (generic, not site-specific):



**Installation:**

**Backfill:**

**Finished Surface:**



**Depends upon site condition: LOCAL conditions and usage will prevail.**

- **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.

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™ H/D2.0

Pallet= 540 ft<sup>2</sup> (50 .17 m<sup>2</sup>) = 45 layers (1 layer= 12 pieces) = 540 pieces/Pallet

**Pack dimensions**

Dimensions of pallets : = 37 x 49 x 96 inches (93.98 x 124.46 x 243 .84 cm)

Approx Weight / Pallet : = 1,290 lbs/pallet (585.13 kg/pallet)

Contents of Container : = varies per carrier (20 or more pallets/load typ.)

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