



## USA EcoSystems

### Manufacturer's Product Specification Sheet

**Product:** USA OPavers™ MP Grids

**Dimensions:** 2' x 1' x 1.8" (2 sf) grid

**Pre-Assembled:** 4 grids pre-assembled (2' x 4')

**Cell Dia:** 2-3/8"

**Weight:** 1.90 lbs/grid (0.95 lb/sf)

**Porosity:** 90.1%

**Compressive strength:** 6,880 psi pre fill. Psi increases significantly with aggregate fill.

**Material:** Recycled High Density Polypropylene

**Color:** Black with UV Stabilizer

**Temperature Range:** Dimensionally stable from -58F to 212F

**Moisture Absorption:** .03%

**Environmental Compatibility:** Nontoxic, harmless to plants, animals, and microorganisms. Inert material, groundwater neutral

**Installation Speed:** 1200 sq/ft per man hour

#### Other features of USA OPavers™ MP Grids:

- Molded in press-fit friction connection tabs
- Drainage features in vertical walls between cells allows for migration of drainage water and prevents localized pooling
- Molded in staking locations for steep grades
- Resistant to oils, gasoline, acids, salt, ammonia, and
- Circular elements provide multi-directional crush and shear strength

**Ground Preparation:** Depends upon site condition and local conditions.

**Suggested Sub-base:** 1/2" – 1" diameter clean/washed, angular gravel. Depth of this layer should be a minimum of 2"- 6". For additional drainage, increase depth of sub-base. Class 2 road base (crushed concrete) is also a typical sub-base material. Gravel/sandy soil mix (60/40) is suggested for grass fill applications. Level sub-base before laying OPavers™ MP Grid.

**Installation:** Layout and snap together pre-assembled sheets. If body weight does not level the grids, use plate vibrator or heavy cylinder to level.

**Backfill:** Any angular or round medium may be used. Fill cells with filler of choice. 1" diameter or smaller is recommended for gravel fill. MP Eco Grids may be cut on site. Pre-cutting is not required. Angle grinder, circular saw, compass saw, or hand saw are all options to cut OPavers™ MP Grids.

**Delivery:**

**Pallet content:** 800 sf. = 50 layers per pallet (400 grids total assembled into 100 pre-assembled 2' x 4' sections)

**Pallet dimensions:** 48" x 48" x 96H"

**Approximate pallet weight:** 775 lbs.

**Truckload:** 24 pallets or 19,200 sf.

For more info on USA EcoSystems OPavers™ MP please see our website: [www.USAEcoSystems.com](http://www.USAEcoSystems.com).