

HANDYGRID

Simpler, Smarter Do-it-Yourself Projects



Content

- Simpler, Smarter Do-it-Yourself Project
- Easy to Use / Quick to Install
- Product Detail
- Eco-Logical Information
- Installation Guide
- Pricing & Packaging



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Simpler, Smarter Do-it-Yourself Project

HandyGrid is a versatile product that allows you to create do-it-yourself *concrete-free* base projects around your house and cottage. It's also super-easy to maintain because of its permeable design and the rugged shape and materials used to create it.

- hot tub base
- shed base
- interlock paver support
- firewood base
- tree root protection
- extended laneway
- boat / RV parking pad
- deck block support
- erosion control
- grass / gravel applications



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Laneway extension
project from start to finish

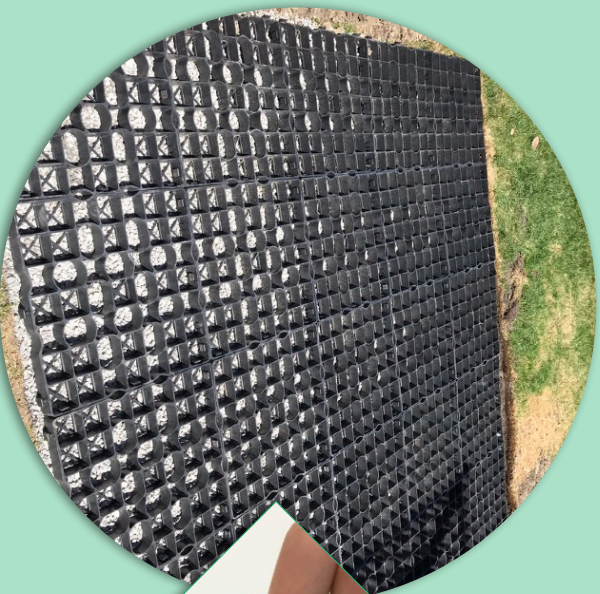


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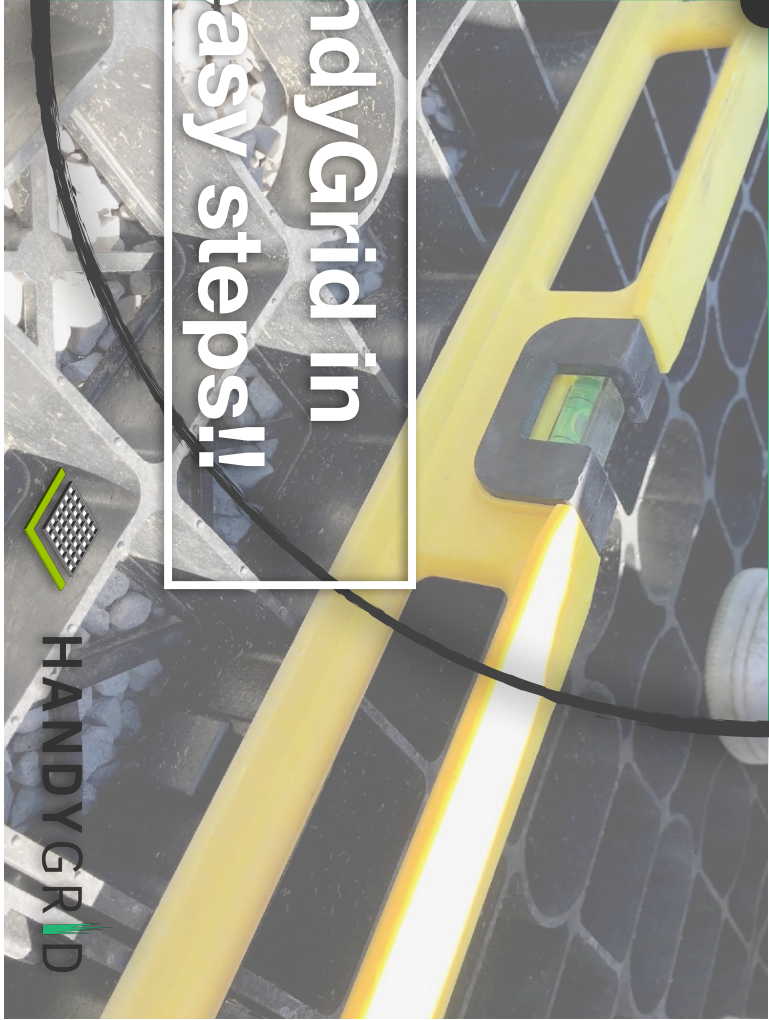
Installs Quickly & Easily

HandyGrid installs quickly and easily because there is no waiting for concrete to dry, no special tools required. Your project will be ready after four easy steps, to use immediately.

- installs in minutes
- snap-in connectors
- light-weight
- easy to carry
- cuts easily
- ready to use immediately
- no drying or waiting time
- can be re-used — re-located



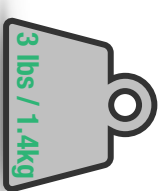
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Install HandyGrid in
4 quick & easy steps!!

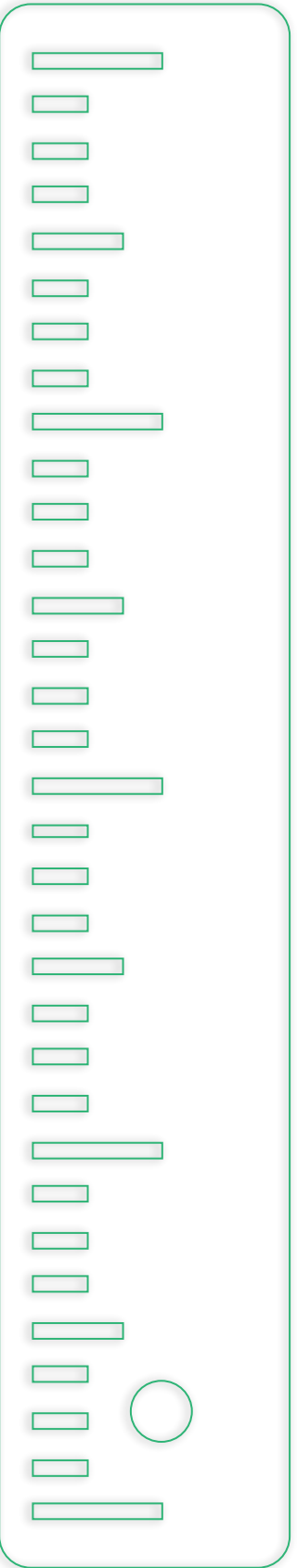
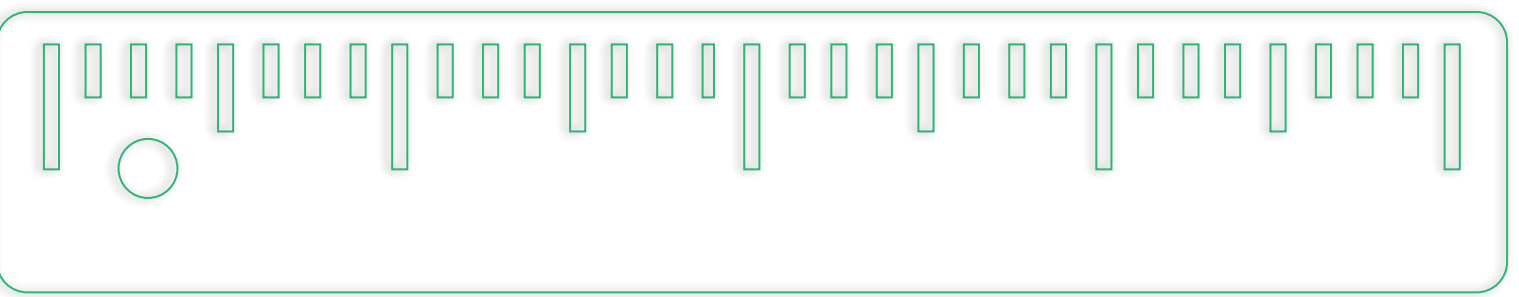
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Product Detail

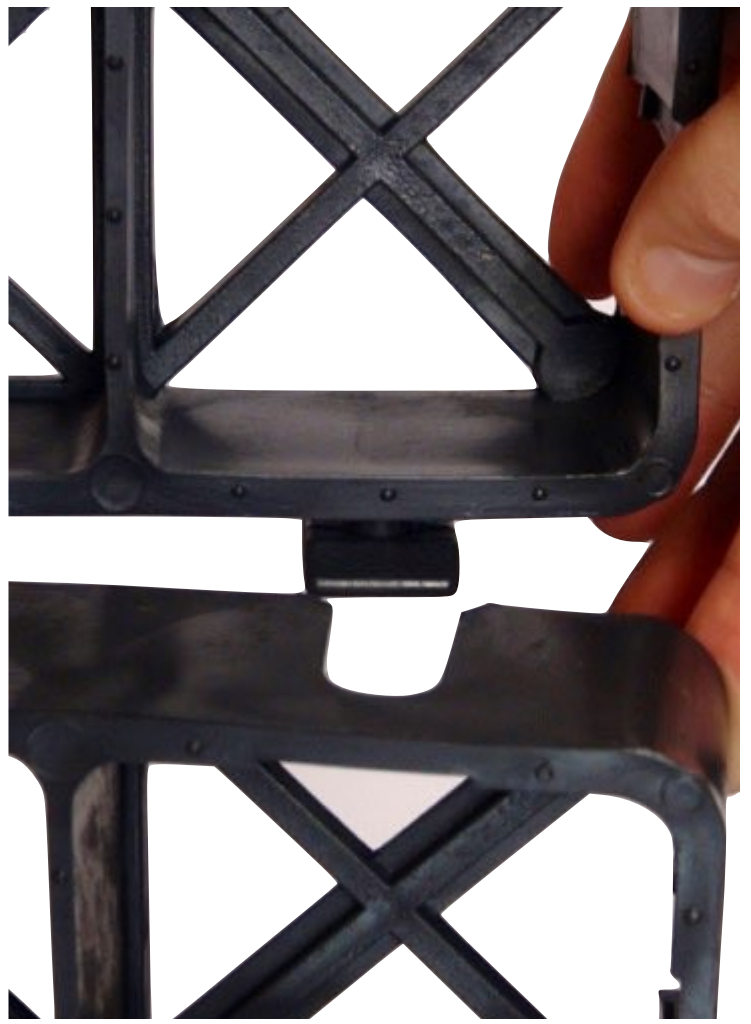
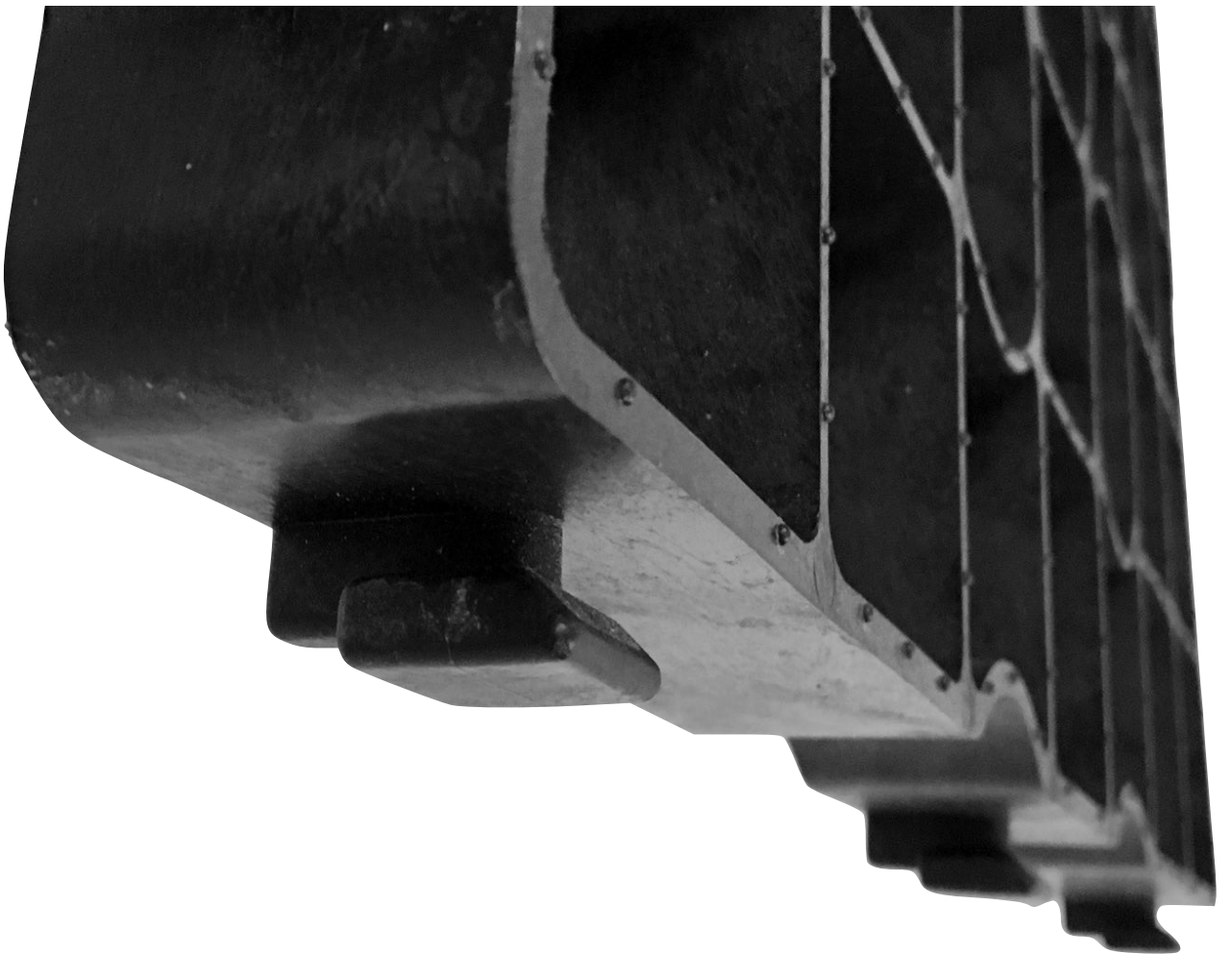


HandyGrid's unique design and special blend provides a strong, stable versatile product that can withstand the outdoor climates with enough flexibility to ensure longevity for years to come.

- 100% recycled Low-density Polyethylene (LDPE)
- withstands frost & UV radiation, resists extreme temperature -30°c to 85°c
- 10 year product guaranty
- weight: 3lbs / 1.4kg per grid
- measures: 20" x 20" x 1.5"
- 500mm x 500mm x 40mm
- wall thickness: 1/8" / 3mm



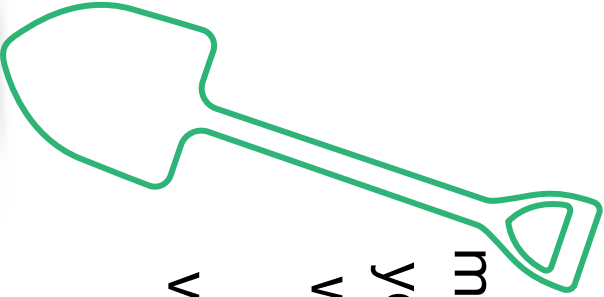
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Eco-Logical Information

HandyGrid makes our planet cleaner, one tile at a time. With its unique blend of recycled plastic bags, it makes it the strongest product available. And because its recycled, it can also be recycled!



Once you've installed HandyGrid, it still keeps saving you money! When installed to exploit its permeability capabilities, you can expect to save money on salt and sand in Canadian winters. Because the water is encouraged to go through the surface rather than running off the top, this means that virtually no water will build up on the surface and will remain dryer, therefore, less shovelling and throwing salt. You're welcome!



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Installation Guide

Step 1 : Sub-grade* Preparation

- Excavate to the desired size at a depth of 4 inches (11cm). A non-woven geo-textile membrane is recommended—laid on top of the sub-grade* as a separating layer—to avoid migration of your free draining fill and to suppress weed growth, respectively.

Step 2 : Sub-base** preparation

- Pour and level a layer of 4 inches (11cm) of free draining ($\frac{1}{4}$ - $\frac{3}{8}$ inch (6.5mm-9.5mm)) gravel on the prepared sub-grade, on top of the non-woven geo-textile membrane. Use a level on a straight board for levelling quickly and more accurately. **(see figure 1. Or [IOWAT.com](https://www.youtube.com/watch?v=IOWAT.com) for a video demonstration.)**

Step 3 : Laying Grid

- Install the first tile paver starting in the corner of sides "A" and "D" of the levelled sub-base** **(see fig2).**
- Ensure that the edges with the connection lugs *always* face the direction of sides "B" and "C". The X pattern on the grid must lay on the sub-base with the open cells facing up. **(see fig 3)**

Step 3.1 : Laying Grid

- Stand on the first tile installed in the corner. Take the next piece and align the slots with the lugs of the first tile. Push down with your foot to connect **(see fig 4)**. Always keep the lugs facing in the same orientation as the first tile (facing sides "B" and "C"). Continue connecting the grid pavers until entire area is covered.

Step 3.2: Cutting Grid(if required):

- Cut HandyGrid tiles with hacksaw, quick-cut saw, angle grinder, snips or any other tool that will cut plastic, easily.

Step 4: Filling Options

Grid pavers can be filled with a wide range of materials, most commonly clear stone or seeded topsoil for a grassed finish.

Option 1 Clear Stone

- Fill the grid pavers with free draining ($\frac{1}{4}$ - $\frac{3}{8}$ inch (10-24mm)) clear stone.
- Fill in the tiles until you've reached to the top edge of the cells, for a flush level finish. **(see fig. 5)**

Option 2 Seeded Topsoil

- For grass seeding, lay a second non-woven geo-textile above the entire sub-base** to protect the topsoil from mixing with the clear stone.
- We recommend a mix of 60% sand and 40% top soil, filled just enough so that the top of the grid is 5mm above the soil, then soak and seed.

Note: Avoid trafficking the area until the grass has grown.



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