Raised Bed and Planter Connections

Simple Installation, Sturdy Construction:

Slip Standard 2x Lumber into Connections
Secure in place with roof screws

Connection Details:

For most applications, brace raised beds and planters every 8’. Certain applications will require more frequent bracing.

Clad your raised beds in a variety of materials. From natural stone, to the clean lines of ipe, your raised beds or planters will be just as good looking as they are functional.

Use the cold frame attachments to create a warm micro-climate perfect for starting seeds early in the spring, and keeping hardy crops going well into the fall and winter months. Don’t worry about using glass, which is expensive, heavy, and poses a safety risk. Polygal is lightweight, but incredibly strong. It also transfers 77% of sunlight to allow you to store warmth in soil mass and give your plants enough sunlight to grow.

Build terraced beds to maximize your output, or create a distinctive look.

Add a cold frame for starting seeds and an extended growing season.

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Cold Frame Attachment
This attachment is specially designed to create a sliding top for season extension with GRS Polygal. For use at ground level, as well as on a roof top farm or garden. This sturdy and easy to use attachment makes converting raised beds to cold frames simple. The strength and design of these pieces also allows for a secure top when used for rooftop applications.

Raised Bed Bracing Connection
When creating long, tiered, or row raised beds, these in-line connection pieces offer strength and ease of use. Slip standard 2”x lumber in and secure. Especially useful for building beds that are longer than standard lumber. These pieces come custom cut to your desired height, and are made to last in the USA.

Raised Bed Corner Connection
Build a long lasting raised bed with ease. Designed to work perfectly with standard 2”x lumber for ease of use and limitless design possibility. Cut to your desired length, you can build simple raised beds in a back yard, on a roof, or in a community garden. Get creative and build beds with storage below the growing area, accessible beds for those in wheelchairs, and more!

GRS 1.5 drainage allows excess water to drain, while retaining some water for temperature regulation, stormwater management and decreased irrigation needs.

Air Layer prevents standing water on the roof membrane or insulation while acting as a protection layer and providing additional drainage.

Root Barrier keeps plant roots from damaging the roof membrane and provides an additional layer of protection against potential punctures from shovels and tools.

Specialized tab on the foot holds connector pieces in place while protecting the roof.

Building a raised bed or planter in a public space and want a clean, finished look? You can clad our raised beds, constructed with the aluminum pieces to the left, in a variety of materials. From natural stone, to the clean lines of ipe, your raised beds or planters will be just as good looking as they are functional. Other options include galvanized metals, and perforated metal. Call to ask about the possibilities.

Rooftop Growing System
Green Roof Solutions has the expertise to make your rooftop growing system successful over the long term. Specialized systems are available for specific waterproofing membranes. Our specially designed systems feature the following items:

- Root Barrier keeps plant roots from damaging the roof membrane and provides an additional layer of protection against potential punctures from shovels and tools.
- Air Layer prevents standing water on the roof membrane or insulation while acting as a protection layer and providing additional drainage.
- Specialized tab on the foot holds connector pieces in place while protecting the roof.
- GRS 1.5 drainage allows excess water to drain, while retaining some water for temperature regulation, stormwater management and decreased irrigation needs.

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