



## Installation Instructions

### Root Barrier (20mil & 30mil) installed on a Green Roof with Keene Flash 4.0"

#### Materials Needed:

- 20 or 30-Mil Root Barrier
- Keene Flash 4.0" (flashing material)
- Utility knife or scissors

#### Preparation:

1. Ensure that the green roof substrate is clean, dry, and free from any debris or sharp objects that could potentially damage the root barrier.

#### Step-by-Step Installation:

##### 1. Unroll the Root Barrier:

- Start at one edge of the green roof area and unroll the 20-Mil Root Barrier product.
- Roll out product in the direction you plan to install it, ensuring that it covers the entire surface where root protection is required.
- Cut around any drain fittings or necessary penetrations for designated drainage channels.

##### 2. Position and Secure:

- Position the root barrier in place, ensuring it is properly aligned with the intended coverage area.
- No adhesive is necessary to secure the product, as gravity is typically an adequate force in a horizontal application.
- If desired, the root barrier can be fastened to the substrate using a form of construction tape or heat-welding.

### **3. Overlapping Seams:**

- If multiple rolls of the root barrier are required to cover the entire area, overlap the seams of adjacent rolls a minimum of 3-6 inches. Ensure that the Keene Flash 4.0" is applied over these overlapping seams as well per instruction steps 4 & 5.

### **4. Seam Flashing:**

- For every roll of root barrier that you install, it is crucial to properly flash the seams using Keene Flash 4.0". This step helps to create a watertight seal and prevent any potential root intrusion through the seams.

### **5. Flashing Process:**

- Measure and cut the Keene Flash 4.0" material to the desired length for each seam.
- Position the Keene Flash material over the seam between two adjacent rolls of the root barrier.
- Ensure that the Keene Flash material extends equally on both sides of the seam.
- Remove the release liner and press the Keene Flash material firmly onto the root barrier, starting from the center and working your way outwards.
- Use a hand roller or heavy hand pressure to further seal the Keene Flash onto the root barrier, ensuring there are no air bubbles or gaps.

### **6. Inspection:**

- After completing the installation, inspect the entire root barrier systems to ensure that all seams are properly flashed and sealed.

### **7. Post-Installation Protection:**

- Take precautions to protect the root barrier from potential damage during subsequent construction or landscaping activities on the green roof.

*\* Please note that these installation instructions are general guidelines. Always refer to the local building codes and best building practices within the industry. Adherence to manufacturer guidelines is essential for warranty coverage and the long-term effectiveness of the root barrier system.*