

## 30 MIL HDPE ROOT BARRIER

Our 30 Mil Root Barrier is a high density polyethylene (HDPE) geomembrane which is suggested for use over hot applied asphaltic, modified bitumen, cold tar pitch / built-up roofs, & EPDM Roof Membranes. Specific to this product, it:

- **directs root growth away** from waterproofing membrane, preventing it from root damage
- **withstands heavy construction traffic**
- provides **excellent protection from UV exposure** and harsh weather conditions
- features a **high tensile strength, high puncture and tear resistance**, and excellent chemical resistance
- has the strength to be able to take the toughest of woody roots from **shrubs, perennials, and ornamental grasses**
- requires a maintenance plan to prevent tree seedlings from germinating



• Special order product



• Individual Roll  
• Full Pallet



• 773 ft<sup>2</sup> per Roll  
• 9 Rolls per Pallet (6,957 ft<sup>2</sup>)



LEED Credits available for:  
• Materials & Resources (MR)

## TECHNICAL DATA

### Materials:

- Recycled HDPE

### Material Thickness (ASTM D 5199):

- 0.03" (30 mils)

### Roll Dimensions (W x L):

- 53" x 175'

### Roll Weight:

- 115 lbs. / Roll (0.148 lbs. / ft<sup>2</sup>)

### Tensile Strength at Break (ASTM D 6693):

- 144 ppi

### Elongation at Break (ASTM D 6693):

- 900%

### Tear Resistance (ASTM D 1004):

- 18 lbf

### Puncture Resistance (ASTM D 4833):

- 60 lbf

### Vegetated Roofing Use:

- Semi-Intensive vegetative roofs not using trees in the plant palette

### Installation Requirements:

- Overlap seams by 6"
- Tape joints with RBS-20 Seam Tape if not utilizing Leak Detection