



## 40 MIL HDPE ROOT BARRIER


Our 40 Mil Root Barrier is a heavy duty, high density polyethylene (HDPE) sheet 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 **protect the membrane from tree roots**



 • Special order product

 • Individual Roll  
• Full Pallet

 • 1,017 ft<sup>2</sup> per Roll  
• 12 Rolls per Pallet (12,204 ft<sup>2</sup>)



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

## TECHNICAL DATA

### Materials:

- Recycled HDPE

### Material Thickness (ASTM D 751):

- 0.04" (40 mils)

### Roll Dimensions (W x L):

- 10.167' x 100'

### Roll Weight (ASTM D 461):

- 192 lbs. / Roll (0.189 lbs. / ft<sup>2</sup>)

### Tensile Strength (ASTM D 6693):

- 154 lbf / in. width

### Mullen Burst (ASTM D 751):

- 220 lbs. / in<sup>2</sup>

### Elongation (ASTM D 882):

- 800%

### Tear Resistance (ASTM D 1004):

- 22 lbf

### Hydrostatic Resistance (ASTM D 751):

- 250 lbs. / in<sup>2</sup>

### Vegetated Roofing Use:

- Intensive vegetated roofs with semi-aggressive root systems

### Installation Requirements:

- Overlap seams by 6"
- Tape joints with HG 3210 Seam Tape if not utilizing Leak Detection