



VEGETATIVE ROOFING COMPONENTS

ROOT BARRIERS

40 Mil HDPE Root Barrier

Product #

3240

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**



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



Tiered pricing based on product quantity



1,016 ft² per Roll
20 Rolls per Pallet (20,334 ft²)

TECHNICAL DATA

Materials:

- Recycled HDPE

Material Thickness (ASTM D 751):

- 0.04"

Roll Dimensions (W x L):

- 10.167' x 100'

Roll Weight (ASTM D 461):

- 0.189 lbs. / ft²

Tensile Strength (ASTM D 6693):

- 154 lbf / in. width

Mullen Burst (ASTM D 751):

- 220 lbs. / in²

Elongation (ASTM D 882):

- 800%

Tear Resistance (ASTM D 1004):

- 22 lbf

Hydrostatic Resistance (ASTM D 751):

- 250 lbs. / in²

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