

## 20 MIL LLDPE ROOT BARRIER

Our 20 Mil Root Barrier is a low density polyethylene (LLDPE) 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 moderate 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
- requires a maintenance plan to prevent tree seedlings from germinating



• Special order product



• Individual Roll  
• Full Pallet



• 773 ft<sup>2</sup> per Roll  
• 16 Rolls per Pallet (12,368 ft<sup>2</sup>)



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

### TECHNICAL DATA

#### Materials:

- Recycled LLDPE

#### Material Thickness (ASTM D 5119):

- 0.02" (20 mils)

#### Roll Dimensions (W x L):

- 53" x 175'

#### Roll Weight:

- 76 lbs. / Roll (0.09 lbs. / ft<sup>2</sup>)

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

- 96 ppi

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

- 900%

#### Tear Resistance (ASTM D 1004):

- 12 lbf

#### Puncture Resistance (ASTM D 4833):

- 40 lbf

#### Vegetated Roofing Use:

- Extensive vegetated roofs with plant materials with fibrous root systems only

#### Installation Requirements:

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