



ROOT-BARRIER

DESCRIPTION

The Root-Barrier for the Carlisle Rooftop Planting System consists of two specially selected low density polyethylene membranes. They contain no plasticizers which can migrate to the surface and attack some asphalt-based materials.

RMB 400 is a 15 mil (0.38mm) membrane made from two layers of polyethylene around a strong reinforced multifilament grid.

Blackline 500 is a 20 mil (0.50mm) membrane made from two layers of virgin polyethylene laminated to an extruded low density polyethylene copolymer core.

TYPICAL USE

Root-Barrier is used in planter and rooftop garden applications to prevent root migration into the waterproofing system. Root-Barrier is installed directly over CCW Protection Board.

Loose-lay Root-Barrier directly over the completed waterproofing assembly. Overlap material at laps 4 feet minimum to prevent roots from penetrating to the membrane level. Secure laps in place with Carlisle SecureTAPE double-sided adhesive tape. Alternatively, heat seal and test all seams.

Turn Root-Barrier up vertical edges and flashings in all areas to be covered by soil to totally protect the waterproofing system.

PACKAGING

Root-Barrier is supplied in standard rolls of 13 ft. wide (4 m) by 82 ft. (25 m) or 164 ft. (50 m) in length.

STORAGE

Store so as to prevent damage to the roll. Protect from extreme environmental conditions. Store away from open flames or welding areas.

LIMITED WARRANTY

CARLISLE COATINGS & WATERPROOFING INCORPORATED (CARLISLE) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any CARLISLE materials prove to contain manufacturing defects that substantially effect their performance, CARLISLE will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by CARLISLE with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. CARLISLE specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of CARLISLE's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the CARLISLE material in question.

TECHNICAL DATA

PROPERTY	TEST METHOD	RMB 400	BLACKLINE 500
Thickness		15 mils	20 mils
Weight		1.1 oz./ft ²	1.6 oz./ft ²
Color		Red	Black
Tensile Strength	ASTM D 882	1,628 psi	1,757 psi
Elongation	ASTM D 882	77%	574%
Cracking or Delamination (@20°F)	ASTM E 154-12	Passes	Passes
Puncture Resistance	ASTM E 154-10	124.4 lbs	127 lbs
Perm Rating	ASTM E 96	0.008	0.011
Classification A,B,C	ASTM E1745	Exceeds Class A	Exceeds Class A