

# Hydrotech® Hydroflex® RB II

formerly known as Hydroflex® RB II



BUILDING TRUST

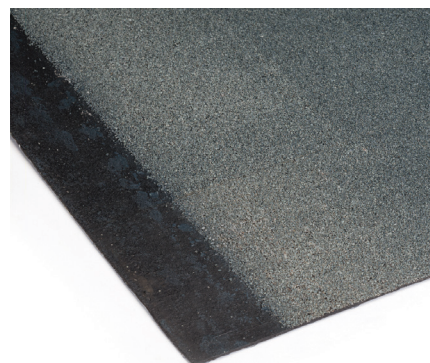


## GENERAL DESCRIPTION

Hydroflex RB II is a heavy-duty, rubberized asphalt sheet that is specially formulated with a factory-applied root growth regulator. The sheet is polyester reinforced and has a granule surfacing.

## BASIC USE

Hydroflex RB II is specifically designed to be embedded into Hydrotech's MM6125®-FR roofing membrane when installed in a Hydrotech Garden Roof® Assembly. Hydroflex RB II provides protection to the membrane from mechanical damage as well as damage due to penetration by roots. For installation involving Bamboo vegetation, see Hydrotech's Rootstop Bamboo Product Data Sheet.



## INSTALLATION

- Hydroflex RB II is to be rolled out and embedded into the MM6125-FR membrane while the membrane is still warm and aggressively tacky, to ensure good adhesion.
- Adjacent sheets must be lapped a minimum of 3 inches. All laps should be "wet lapped" with MM6125 or may be torch welded per standard APP modified bitumen torching techniques.**
- All lap edges of Hydroflex RB II must be treated with SpinOut root growth regulator. Reference SpinOut Product Data Sheet for additional information & application instructions.**
- Hydroflex RB II should be dressed up all roofing termination points and flashings to provide total root barrier protection to all roofed/flashed surfaces that will be subsequently covered with growing media. Flashing heights > 12 inches may require mechanical termination or alternate securement.

## PRODUCT INFORMATION

- Roll Size - 39.4" x 33'
- Roll Weight (lbs) - 96
- Roll Thickness (mils) - 160
- Coverage with 3" lap (sq.ft.) - 100

## TECHNICAL DATA

| PROPERTY                            | TEST METHOD | RESULTS               |
|-------------------------------------|-------------|-----------------------|
| PEAK LOAD (lbf/in. @73.4°F)         | ASTM D5147  | 80MD; 60XMD           |
| PEAK LOAD (lbf/in. @0°F)            | ASTM D5147  | 105MD; 85XMD          |
| LOW TEMPERATURE FLEXIBILITY (32°F)  | ASTM D5147  | PASS (MD), PASS (XMD) |
| ELONGATION AT PEAK LOAD (% @ 0°F)   | ASTM D5147  | 10MD; 10XMD           |
| ELONGATION AT PEAK LOAD (% @73.4°F) | ASTM D5147  | 40MD; 45XMD           |
| ULTIMATE ELONGATION (% @73.4°F)     | ASTM D5147  | 40MD; 55XMD           |
| TEAR RESISTANCE (@73.4°F; lbf)      | ASTM D5147  | 150MD; 95XMD          |
| DIMENSIONAL STABILITY (%)           | ASTM D5147  | <0.5MD; <0.5XMD       |
| COMPOUND STABILITY (@ 230°F)        | ASTM D5147  | PASS (MD), PASS (XMD) |

\*All values shown are nominal and subject to normal manufacturing tolerances.

LEED® INFORMATION

|                                | Credit 4 | Credit 5          |
|--------------------------------|----------|-------------------|
| Recycled Content (% by weight) | 2 (pi)   |                   |
| Manufacture Location           |          | Kansas City, MO   |
| Extraction/Harvesting Location |          | Oklahoma City, OK |

NOTES:

1. Granule supply conditions may result in occasional changes in the finished color of the Hydroflex RB II surface. This slight color variation will have no impact on the functionality of the product.

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