



Henry® Moistop® Ultra Underslab Vapor Retarder

Exceptional protection against moisture vapor

Durable, economical **Moistop® Ultra 15** and **Moistop® Ultra 10** are engineered to provide protection against moisture vapor migration through concrete slabs that can damage the integrity of the slab and structure above. Both products exceed ASTM E1745 requirements for underslab vapor retarders, and are manufactured from ISO certified virgin resins.

With excellent water vapor permeance rating, tensile strength and puncture resistance **Moistop Ultra** outperforms other brands of thicker membranes.

Designed for hassle-free installation, **Moistop Ultra** rolls out quickly over a leveled surface with a 6" overlap, sealed using **Moistop®** tape.

Moistop Ultra 15 is supplied in seamless, 12 foot wide rolls, center-folded to 6 feet.

Moistop Ultra 10 is supplied in seamless, 14 foot wide rolls.

Features and benefits



Exceed ASTM E1745
Class "A", "B" and "C" standards



Exceptional tear strength



Puncture resistant



Hassle-free installation

Performance standards you can trust

Moistop Ultra underslab vapor retarder is designed for slabs on-grade to stop the migration of moisture vapor through the slab.

	Moistop® Ultra 15 15 mil polyolefin film	Moistop® Ultra 10 10 mil polyolefin film
Material characteristic	Results / Test method	Results / Test method
Moisture vapor permeance	.01 Perms ASTM E254, Section 7 ASTM E96, Method B	.02 Perms ASTM E254, Section 7 ASTM E96, Method A/B
Permeance after conditioning	.01 Perms ASTM E154, Section 8 ASTM E154, Section 11 ASTM E154, Section 12 ASTM E154, Section 13	
Tensile strength	80 lbf/in (min) - MD 78 lbf/in (min) - CD ASTM E154, Section 9	61 lbf/in (min) - MD 58 lbf/in (min) - CD ASTM E154, Section 9 (Method ASTM D882)
Puncture resistance	4900 grams ASTM D1709, Method B	3800 grams ASTM D1709, Method B

**Moistop Ultra 15 and Moistop Ultra 10 meet meets all requirements for Class "A", "B" and "C" Underslab Vapor Retarders per ASTM E1745 and is tested in accordance with ASTM International procedures. The values shown are typical values obtained in these tests.*

Products characteristic

Composition	15 mil polyolefin film manufactured with a proprietary formulation of ISO certified virgin resins.	10 mil polyolefin film manufactured with a proprietary formulation of ISO certified virgin resins.
Size	1,956 sq. ft. rolls (144" by 163')	2,940 sq. ft. rolls (168" by 210')
Weight	7.3 lbs./100 sq. ft.	4.8 lbs./100 sq. ft.

Product approvals, certifications and specifications

- ASTM D882 – Tensile Properties of Thin Plastic Sheeting
- ASTM D1004 – Standard, Test Method for Initial Tear Resistance of Plastic Film and Sheeting
- ASTM D1709 – Impact Resistance of Plastic Film by the Free-Falling Dart Method
- ASTM E96 – Water Vapor Transmission of Materials
- ASTM E154 – Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
- ASTM E1745 – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs

Limitations: Product should be covered as soon as possible. Inspect product to ensure it is free of any punctures or damage which may detract from the underslab vapor retarder integrity. Product should be as clean and dry as possible before sealing with Moistop Tape. Not recommended for below grade vertical waterproofing applications.

Installation: Follow the installation procedures outlined in ASTM E1643. After the base for the concrete has been leveled, compacted, and tamped, install the vapor retarder over the base and compacted fill, with the longest dimension parallel to the direction of the pour of the concrete. All joints should be lapped 6" (152 mm) and sealed with Moistop Tape. Seal penetrations with The Boot and Moistop Tape.

Availability: Henry products are distributed nationwide. For product information and pricing, please call a Henry distributor near you. If you need assistance locating a participating distributor, please call our Customer Service Department at 1-800-773-4777.

Henry Product Warranty Information: We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – are all beyond our control. We will replace at no charge any product proved to have a material defect within 12-months of purchase, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided.

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