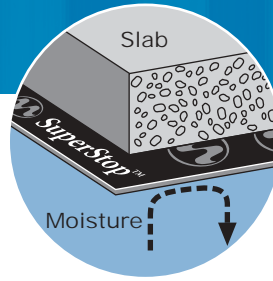


SuperStop™ Vapor Barrier Film



Underslab moisture vapor protection



Description

- Marshall Plastic Film SuperStop™ products exceed all ASTM E-1745-97 standards for Class "A", "B" and "C" underslab vapor retarders.
- Extremely durable and puncture resistant thanks to a unique manufacturing process.
- Highly resistant to chemical or environmental attack to deliver life-long protection from unwanted moisture vapor migration through concrete slabs.
- Engineered to work with accessory products that help ensure a reliable and durable installation.

Physical Properties

SuperStop™ is continually tested in accordance with ASTM procedures. The values shown in Table A are averages obtained in these tests. SuperStop™ meets all requirements for Class "A", "B" and "C" Underslab Vapor Retarders per ASTM E-1745.

General Information

- SuperStop™ is a new generation of resin/chemical technologies. SuperStop™ provides the vapor barrier industry with a highly effective, economical choice for helping to reduce the penetration of moisture and water vapor through the slab into the structure, thereby helping to reduce fungus, mildew and mold growth. These vapor retarders also help reduce radon gas from entering the structure.
- SuperStop™ is tough enough to withstand normal construction jobsite conditions and traffic. It will not crack, puncture, snag, split or tear easily.
- SuperStop™ helps meet and maintain the maximum slab moisture transfer rate of 3 lbs/1000 sq. ft./24 hours, allowed by the flooring industry specifications.
- SuperStop™ is available in 15 mil and 10 mil thicknesses.

Table A - Physical Properties

Material Characteristic	ASTM Test Method	E-1745 Requirements	SuperStop™ Results (15 mil)
Puncture Resistance	D-1709, Method B	475 Grams (min.)	2300 Grams

*SuperStop meets all requirements for Class "A", "B" and "C" Underslab Vapor Retarders per ASTM E-1745.

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Specifications

Meets or exceeds all requirements of ASTM E 1745 Classes A, B & C.

Uses

SuperStop™ is primarily designed for underslab construction, where the soil has been tamped and leveled or compacted fill has been applied. SuperStop™ can also be used in vertical applications as a protection course for waterproofing membranes.

Features and Benefits

- Available in 10 mil and 15 mil thicknesses
- Offers economical alternatives for projects requiring only a vapor retarder
- Helps reduce the penetration of moisture and water vapor through the slab into the structure
- Helps reduce fungus, mildew and mold
- Helps reduce radon gas from entering a structure
- Tough enough to withstand normal construction jobsite conditions and traffic
- Will not crack, puncture, snag, split or tear easily
- Installs quickly and easily over tamped grade
 - No gravel, fill or sand needed
- Helps meet and maintain the maximum slab moisture transfer rate of 3 lbs./1000 sq. ft./24 hours, allowed by the flooring industry specifications

Applicable Standards

American Society for Testing & Materials (ASTM):

- ASTM D-882-02 – Tensile Properties of Thin Plastic Sheeting
- ASTM D-1004-03 – Standard Test Method for Initial Tear Resistance of Plastic Film and Sheeting
- ASTM D-1709-04 – Impact Resistance of Plastic Film by the Free-Falling Dart Method
- ASTM E-96-95 – Water Vapor Transmission of Materials
- ASTM E-154-99 – Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
- ASTM E-1745-97 – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs



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