

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

[Save](#)

[Resource detail](#)
[Citations](#)

ASTM E154-99 (2005) (Historical Version) Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

[View on Information Provider website](#)

Abbreviation

ASTM E154-99 (2005)

Valid from

01/12/2005

Information provider

American Society of Testing and Materials

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF

Cited By

[This resource is cited by 1 document \(show Citations\)](#)

Description

These test methods cover the determination of the properties of flexible membranes to be used as vapor retarders in contact with earth under concrete slabs, against walls, or as ground cover in crawl spaces.

Scope

These test methods cover the determination of the properties of flexible membranes to be used as vapor retarders in contact with earth under concrete slabs, against walls, or as ground cover in crawl spaces. The test methods are applicable primarily to plastic films, and other flexible sheets. The materials are not intended to be subjected to sustained hydrostatic pressure. The procedures simulate conditions to which vapor retarders may be subjected prior to and during installation, and in service.

The test methods included are:

Section Water-Vapor Transmission of Material as Received Water-Vapor Transmission after Wetting and Drying and after Long-Time Soaking Tensile Strength Resistance to Puncture Resistance to Plastic Flow and Elevated Temperature Effect of Low Temperatures on Flexibility Resistance to Deterioration from Organisms and Substances in Contacting Soil Resistance to Deterioration from Petroleum Vehicles for Soil Poisons Resistance to Deterioration from Exposure to Ultraviolet Light Resistance to Flame Spread Report

The values stated in acceptable metric units shall be considered standard. The values in parentheses are for information only.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#)

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

ASTM E154-99 (2005) (Historical Version) Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

This document is CITED BY:

- [ASTM D6134-07](#)

ASTM E154-99 (2005) is cited by ASTM D6134-07 Standard Specification for Vulcanised Rubber Sheets Used in Waterproofing Systems

ASTM E154-99 (2005) (Historical Version) Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

Description

These test methods cover the determination of the properties of flexible membranes to be used as vapor retarders in contact with earth under concrete slabs, against walls, or as ground cover in crawl spaces.

[View on Information Provider website](#)

[ASTM E154-99 \(2005\) \(Historical Version\) Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover](#)

Description

These test methods cover the determination of the properties of flexible membranes to be used as vapor retarders in contact with earth under concrete slabs, against walls, or as ground cover in crawl spaces.

[View on Information Provider website](#)

This resource does not cite any other resources.

ASTM E154-99 (2005) (Historical Version) Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

This resource does not CITE any other resources.

Back

Close

Table of Contents

Print

[Save](#)

Email

[Feedback](#)

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Feedback](#)