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ASTM D6134-07 Standard Specification for Vulcanised Rubber Sheets Used in Waterproofing Systems

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Abbreviation

ASTM D6134-07

Valid from

01/01/2007

Information provider

American Society of Testing and Materials

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF

Cited By

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Cites

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Description

This specification covers unreinforced vulcanized rubber sheets made from ethylene propylene diene terpolymer (EPDM) or butyl (IIR), intended for use in preventing water under hydrostatic pressure from entering a structure.

The tests and property limits used to characterize these sheets are specific for each classification and are minimum values to make the product fit for its intended purpose.

Scope

This specification covers unreinforced vulcanized rubber sheets made from ethylene propylene diene terpolymer (EPDM) or butyl (IIR), intended for use in preventing water under hydrostatic pressure from entering a structure.

The tests and property limits used to characterize these sheets are specific for each classification and are minimum values to make the product fit for its intended purpose.

Types used to identify the principal polymer component of the sheet include: type I - ethylene propylene diene terpolymer, and type II - butyl. The sheet shall be formulated from the appropriate polymers and other compounding ingredients. The thickness, tensile strength, elongation, tensile set, tear resistance, brittleness temperature, and linear dimensional change shall be tested to meet the requirements prescribed. The water absorption, factory seam strength, water vapour permeance, hardness durometer, resistance to soil burial, resistance to heat aging, and resistance to puncture shall be tested to meet the requirements prescribed.

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This resource is cited by:

ASTM D6134-07 Standard Specification for Vulcanised Rubber Sheets Used in Waterproofing Systems

This document is CITED BY:

- [E2/AS1 \(Third Edition, Amendment 7\)](#)

ASTM D6134-07 is cited by Acceptable Solution E2/AS1: External Moisture from 01/08/2011

- [E2/AS1 \(Third Edition, Amendment 5\)](#)

ASTM D6134-07 is cited by Acceptable Solution E2/AS1: External Moisture from 01/08/2011

- [E2/AS1 \(Third Edition, Amendment 6\)](#)

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- [E2/AS1 \(Third Edition, Amendment 8\)](#)

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- [E2/AS1 \(Third Edition, Amendment 5, Errata 2\)](#)

ASTM D6134-07 is cited by Acceptable Solution E2/AS1: External Moisture from 01/08/2011

- [E2/AS1 \(Third Edition, Amendment 9\)](#)

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This document CITES:

Other

- [ASTM D1204-07](#)

ASTM D6134-07 cites ASTM D1204-07 Standard Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature

- [ASTM D2240-05](#)

ASTM D6134-07 cites ASTM D2240-05 Standard Test method for Rubber Property

- [ASTM D3083-89](#)

ASTM D6134-07 cites ASTM D3083-89 Specification for Flexible Poly (Vinyl Chloride) Plastic Sheeting for Pond, Canal, and Reservoir Lining

- [ASTM D412 - 06ae2](#)

ASTM D6134-07 cites ASTM D412 - 06ae2 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers —Tension

- [ASTM D471-06e1](#)

ASTM D6134-07 cites ASTM D471-06e1 Standard Test Method for Rubber Property

- [ASTM D573-04](#)

ASTM D6134-07 cites ASTM D573-04 Standard Test Method for Rubber - Deterioration in an Air Oven

- [ASTM D624-00 \(2007\)](#)

ASTM D6134-07 cites ASTM D624-00 (2007) Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers

- [ASTM D746-07](#)

ASTM D6134-07 cites ASTM D746-07 Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact

- [ASTM D816-06](#)

ASTM D6134-07 cites ASTM D816-06 Standard Test Methods for Rubber Cements

- [ASTM E154-99 \(2005\)](#)

ASTM D6134-07 cites 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

- [ASTM E96 / E96M - 05](#)

ASTM D6134-07 cites ASTM E96 / E96M - 05 Standard Test Methods for Water Vapor Transmission of Materials

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