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## ASTM D2898-10 Standard Practice for Accelerated Weathering of Fire-retardant Treated Wood for Fire Testing

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### Abbreviation

ASTM D2898-10

### Valid from

01/03/2010

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### Information provider

American Society of Testing and Materials

### Author

American Society of Testing and Materials

### Information type

ASTM Standard

### Format

PDF

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### Description

This practice addresses the durability of a fire-retardant treatment of wood products by exposure to accelerated cycles of wetting, drying, or ultraviolet (UV) exposure, or combination thereof, prior to evaluation by a fire response test. Four conditioning methods are described.

This practice is applicable to wood products that have been treated with fire-retardant chemicals by pressure impregnation.

### Scope

This practice describes different methods of exposing fire-retardant-treated wood products or assemblies to controlled accelerated weathering or conditioning. The conditioning simulates effects of leaching, drying, temperature, and, in two methods, UV light. Method A is the method normally specified for regulatory purposes when testing fire-retardant-treated wood that is intended for exterior applications.

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### Other

- [ASTM D9 - 09ae1](#)

ASTM D2898-10 cites ASTM D9 - 09ae1 Terminology relating to wood and wood-based products

- [ASTM E108-10](#)

ASTM D2898-10 cites ASTM E108-10 Test Methods for Fire Tests of Roof Coverings

- [ASTM E1354 - 10a](#)

ASTM D2898-10 cites ASTM E1354 - 10a Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter

- [ASTM E176 - 10ae1](#)

ASTM D2898-10 cites ASTM E176 - 10ae1 Standard Terminology of Fire Standards

- [ASTM E84 - 10b](#)

ASTM D2898-10 cites ASTM E84 - 10b Standard Test Method for Surface Burning Characteristics of Building Materials

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