

STANDARD INFORMATION

Standard Number: NFPA 285

Standard Name: Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components

Standard Edition and Issue Date: 2019 Edition Dated November 25, 2018

Date of Revision: November 25, 2018

Date of Previous Revision of Standard: 2012 Edition Dated January 2, 2012

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 25, 2020**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes:

- Addition of requirements for bearing and non-load-bearing assemblies
- New requirements for joint and seam locations
- New requirements for window header construction

Specific details of new/revise requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
4	Info	Test Facility and Apparatus <i>New clause added;</i> Noncombustible Material. A material that complies with any one of the following shall be considered a noncombustible material: (1) The material, in the form in which it is used, and under the conditions anticipated, will not ignite, burn, support combustion, or release flammable vapors when subjected to fire or heat. 4.1 (2) The material is reported as passing ASTM E136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C. (3) The material is reported as complying with the pass/fail criteria of ASTM E136 when tested in accordance with the test method and procedure in ASTM E2652, Standard Test Method for Behavior of Materials in a Tube Furnace with a Cone-shaped Airflow Stabilizer at 750°C. [5000:7.1.4.1.1]
4.2		<i>New section added;</i> Limited-Combustible Material. A material shall be considered a limited-combustible material where both of the following conditions of 4.2(1) and 4.2(2), and the conditions of either 4.2.1 or 4.2.2 are met: See standard for details.
5	Info	Test Specimens
5.7	Info	Construction Details of Test Specimen <i>New section added;</i>
5.7.2		Joins and Seams This section contains requirements for joints and seems (see standard for details).
5.7.3		<i>New section added;</i> Window Headers The window header, jambs, and sill shall be closed using aluminum sheet metal in accordance with 5.7.3.1.1 through 5.7.3.1.2 (see standard for details).
8	Info	Fire Test Procedure



CLAUSE	VERDICT	COMMENT
8.1	Info	Fire Test Procedure
		<i>New clause added;</i>
8.1.8		When it has been demonstrated during the calibration procedure that the burners must follow different gas flow rates to attain the prescribed test room and exterior face temperatures and heat fluxes, then the gas flows determined from the calibration tests within a tolerance of ± 10 percent shall be used.
9	Info	Data Collection and Observation
9.4	Info	Visual Observations
		<i>New clause added;</i>
9.4.3		The color video and at least one photograph or digital image shall show the laboratory test report identification number and the test date.
11	Info	Report
		Fire Test Report. A fire test report shall be prepared to document the fire test and shall contain all of the following:
11.1		<p>(1)* Description of the test specimen wall assembly, including the following:</p> <ul style="list-style-type: none"> (a) Drawings showing the structural design in plan and elevation, principal cross-section and other sections as needed for clarity, and joint locations and details <u>(b) Drawings and description of the construction used in the test around the window opening header, jambs, and sills, including the type and thickness of the closure material around the perimeter of the opening; the fastening detail, including the type, size, and spacing of fasteners around the perimeter of the window opening; and the type, thickness, and density of any insulation or blocking used internal to the window opening closure</u> (c) Details of the attachment of the wall assembly to the test apparatus <p>(2) Location of thermocouples</p> <p><u>(3) The date and results (temperature and heat flux) of the most recent calibration</u></p>
CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.		