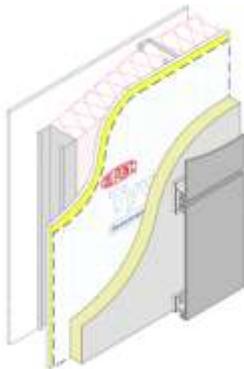


The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout



Provider: DuPont Building Innovations

Length: 1 hour

Program #: NFPA 285

Credits: 1 LU Hour

Program: NFPA 285 - Assembly Test of Exterior Walls with Combustible Components

SD: No

HSW: Yes

Description:

NFPA 285 is the Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components. NFPA 285 assembly tests are required when exterior non-combustible walls contain combustible components by the International Building Code (IBC). The scope of materials classified by the IBC requiring NFPA 285 testing is increasing. Combined with more stringent energy code requirements, the use of combustible materials is also growing in exterior walls. The most common contributing factors to non-compliance of designs requiring NFPA 285 assembly testing include:

- Lack of understanding of applicability of test on exterior wall assemblies.
- Recent building and energy code changes causing new triggers for the test.
- Lack of understanding of assembly vs. product results for NFPA 285 tests.

This seminar will discuss the impact of the NFPA 285 Test on buildings using IBC and ASHRAE 90.1 energy code requirements, the parameters and history of NFPA 285, and the definition of what building envelope components are combustible and require NFPA 285 testing by IBC. All of these elements combine to integrate NFPA 285 compliant assemblies into building envelope systems.

Learning Objectives: After attending this seminar, you will be able to understand:

1. The impact of the NFPA 285 test on buildings in relation to the IBC.
2. The NFPA 285 assembly test components and parameters for successful test performance.
3. Combustible wall components requiring NFPA 285 assembly testing.
4. Building envelope systems as part of NFPA 285 compliant assembly variations.

Target Audience: Architects, Design Professionals, Specifiers, Owners, Contractors, Code Officials, Building Envelope Consultants, and Students. This program meets every experience level with time designed into the program for questions and answers.