Public Input No. 2-NFPA 257-2020 [Section No. 2.3.1]

2.3.1 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM E2226, *Standard Practice for Application of Hose Stream,*2015b (2019) .

Statement of Problem and Substantiation for Public Input

update

Submitter Information Verification

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Committee: FIZ-AAA

Committee Statement

Resolution: FR-1-NFPA 257-2020
Statement: Update to reference standards.

Public Input No. 3-NFPA 257-2020 [Section No. 3.3]

3.3 General Definitions.

3.3.1 Assembly.

3.3.1.1* Fire Window Assembly.

A window or glass block assembly having a fire protection rating. [**80,** 2016]

3.3.1.2 Glass Block Assembly.

A light-transmitting assembly constructed of glass block held together with mortar or other suitable materials.

3.3.1.3* Window Assembly.

An integral, fabricated unit that contains a glazed light(s) placed in an opening in a wall and that is intended primarily for the transmission of light or of light and air and not primarily for human entrance or exit.

3.3.2 ~~Fire~~ * Fire protection rating
The designation indicating the duration of the fire test exposure to which an opening protective assembly was exposed [221, 2018].

3.3.3* Fire Resistance Rating.

The time, in minutes or hours, that materials or assemblies have withstood a fire exposure as determined by the tests, or methods based on tests, prescribed by the relevant code.

3.3.4 Fire Window Assembly.

See 3.3.1.1.

3.3.~~3~~ 5 Glass Block Assembly.

See 3.3.1.2.

3.3.~~4~~ 6 Glazed Light.

A pane of glazing material that is separated by muntins and mullions from adjacent panes of glazing material in a fire window assembly.

3.3.~~5~~ 7 * Glazing Material.

A transparent or translucent material used in fire door assemblies and fire windows.

3.3.~~6~~ 8 Opening.

For the purpose of this standard, a through-hole in the fire window assembly that can be seen from the unexposed side while looking through the plane of the assembly from a perpendicular position.

3.3.~~7~~ 9 Window Assembly.

See 3.3.1.3.

A.3.3.2 The acceptance criteria for determining fire protection ratings for fire door assemblies are described in NFPA 252 and those for fire window assemblies are described in NFPA 257. Fire protection ratings are different from fire resistance ratings. It is common for a fire window to have a fire protection rating lower than the wall fire resistance rating in which it is installed.

A.3.3.3 Fire resistance ratings are typically determined by testing to ASTM E119, Standard Test Methods for Fire Tests of Building Construction and Materials .

(Also, add ASTM E119 (2019) into the section on informational ASTM referenced standards,and NFPA 221, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls, onto the section on References for Extracts in Mandatory Sections)

Statement of Problem and Substantiation for Public Input

The output of this standard is a fire protection rating and it would be helpful to define it and to also define fire

resistance rating, which this method does not determine (but which is different from the fire resistance rating). If this PI is accepted changes need to be made to the sections on references, which have not been proposed in the relevant PIs.

Related Public Inputs for This Document

Related Input	Relationship
Public Input No. 1-NFPA 257-2020 [Section No. D.1.2.1]	
Public Input No. 2-NFPA 257-2020 [Section No. 2.3.1]	

Submitter Information Verification

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Committee: FIZ-AAA

Committee Statement

Resolution: FR-2-NFPA 257-2020

Statement: The output of this standard is a fire protection rating and it would be helpful to define it and to also define fire resistance rating, which this method does not determine (but which is different from the fire resistance rating). If this PI is accepted changes need to be made to the sections on references, which have not been proposed in the relevant PIs.

Public Input No. 1-NFPA 257-2020 [Section No. D.1.2.1]

D.1.2.1 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM E814, *Standard Test Method for Fire Tests of Penetration Firestop Systems*, 2013a (2017) .

Statement of Problem and Substantiation for Public Input

date update

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Submittal Date: Thu Jan 02 13:56:07 EST 2020
Committee: FIZ-AAA

Committee Statement

Resolution: FR-3-NFPA 257-2020
Statement: Referenced standards update.