

Decoded Class 2 – Fire Door Assemblies

Use NFPA 80 – 2007 edition or later - to answer the following questions:

1) The 2007 and subsequent editions of NFPA 80 require an overlapping astragal for doors with a rating of more than_____.

- a) 20 minutes
- b) 45 minutes
- c) 60 minutes
- d) 90 minutes
- e) 3 hours
- f) astragals are not specifically required by NFPA 80-2007 or subsequent editions

2) The 2007 and subsequent editions of NFPA 80 limit the maximum clearance at the bottom of a wood fire door to_____.

- a) 1 inch
- b) 1/2 inch
- c) 1/4 inch
- d) 3/4 inch

3) The 2007 and subsequent editions of NFPA 80 limit the maximum clearance at the perimeter and meeting stiles of a hollow metal fire door to_____.

- a) 1/8"
- b) 1/16"
- c) 3/16"
- d) 1/4"

4) What base material is required by NFPA 80 for butt hinges on a fire door, unless otherwise tested and listed?

- a) steel
- b) brass
- c) bronze
- d) aluminum

5) What is the minimum latch throw required by NFPA 80 for pairs of wood fire doors?

- a) 1/2"
- b) 5/8"
- c) 3/4"
- d) as tested and stated on the fire door label

6) How many hinges are required by NFPA 80 for a 96" tall fire door?

- a) 2
- b) 3
- c) 4
- d) 5

7) The requirements for swinging fire doors with builders hardware are found in which chapter of NFPA 80?

- a) Chapter 4
- b) Chapter 5
- c) Chapter 6
- d) Chapter 7

8) The requirements for annual inspection of fire doors are found in which chapter of NFPA 80, beginning with the 2007 edition?

- a) Chapter 4
- b) Chapter 5
- c) Chapter 6
- d) Chapter 7

9) The test standard for "positive pressure" fire doors is:

- a) UL 10B
- b) UL 10C
- c) UL 305
- d) NFPA 80

10) Gasketing is required when the code limits air infiltration when tested per which test standard?

- a) UL 10C
- b) UL 305
- c) NFPA 252
- d) UL 1784

Answers: 1 – f, 2 – d, 3 – c, 4 – a, 5 – d, 6 – c, 7 – c, 8 – b, 9 – b, 10 - d