

**GEOGRAPHIC INFORMATION SYSTEMS
GEOGRAPHIC INFORMATION CENTER
PO BOX 5839
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***** EXAMINATION *****

**PLASTIC DESIGN AND CONSTRUCTION USING
THE 2003 INTERNATIONAL BUILDING CODE**

1. **Containers of foam plastic insulation shall have a label containing:**
 - a) the manufacturer's name
 - b) the product listing
 - c) the product identification
 - d) All of the above

2. **Foam plastic insulation shall have a flame spread index of not more than:**
 - a) 75
 - b) 115
 - c) 155
 - d) 195

3. **For a concrete wall, the foam plastic insulation is covered on**
 - a) each face by a minimum of 1 inch thickness of concrete
 - b) each face by a minimum of 2 inches thickness of concrete
 - c) each face by a minimum of 3 inches thickness of concrete
 - d) each face by a minimum of 4 inches thickness of concrete

4. **For cooler and freezer walls, the foam plastic installed has a**
 - a) maximum thickness of 6 inches
 - b) maximum thickness of 8 inches
 - c) maximum thickness of 10 inches
 - d) maximum thickness of 12 inches

5. **For cooler and freezer walls, the foam plastic installed shall**
 - a) have a flash ignition of not less than 500 degrees Fahrenheit
 - b) have a flash ignition of not less than 600 degrees Fahrenheit
 - c) have a flash ignition of not less than 700 degrees Fahrenheit
 - d) have a flash ignition of not less than 800 degrees Fahrenheit

6. **Foam plastic used for interior trim shall be permitted:**
 - a) without a thermal barrier
 - b) with a thermal barrier
 - c) with a thermal barrier for schools only
 - d) with a thermal barrier for restaurants only

7. **Exterior walls of cold storage buildings are required to be**
 - a) constructed of combustible materials
 - b) constructed of flammable materials
 - c) constructed of noncombustible materials
 - d) None of the above

8. **The minimum density of the interior trim shall be:**
 - a) 10 pcf
 - b) 20 pcf
 - c) 30 pcf
 - d) 40 pcf

9. **The maximum thickness of the interior trim shall be:**
 - a) 1/2 inch
 - b) 3/4 inch
 - c) 1 inch
 - d) None of the above

10. **The interior trim shall not constitute more than:**
 - a) 3 percent of the aggregate wall and ceiling area of any room or space
 - b) 5 percent of the aggregate wall and ceiling area of any room or space
 - c) 7 percent of the aggregate wall and ceiling area of any room or space
 - d) 9 percent of the aggregate wall and ceiling area of any room or space

11. **The flame spread index of interior trim shall not exceed:**
 - a) 15
 - b) 35
 - c) 55
 - d) 75

12. **Plastic veneer shall not be attached to any exterior wall to a height**
 - a) greater than 10 feet above grade
 - b) greater than 30 feet above grade
 - c) greater than 50 feet above grade
 - d) greater than 70 feet above grade

13. **Section of plastic veneer shall not exceed:**
 - a) 300 square feet in area
 - b) 400 square feet in area
 - c) 500 square feet in area
 - d) 600 square feet in area

14. **Light-transmitting plastic diffusers shall be:**
 - a) supported directly from the ceiling
 - b) supported indirectly from the ceiling
 - c) supported by noncombustible hangers
 - d) All of the above

15. **Hangers for light-transmitting plastic diffusers shall be at least:**
 - a) No. 6 steel-wire gage galvanized wire
 - b) No. 9 steel-wire gage galvanized wire
 - c) No. 12 steel-wire gage galvanized wire
 - d) No. 15 steel-wire gage galvanized wire
16. **Individual panels for light-diffusing systems shall not exceed:**
 - a) 5 feet in length
 - b) 10 feet in length
 - c) 15 feet in length
 - d) 20 feet in length
17. **Individual roof panels shall be separated from each other by a:**
 - a) distance of 4 feet measured in a horizontal plane
 - b) distance of 5 feet measured in a horizontal plane
 - c) distance of 6 feet measured in a horizontal plane
 - d) distance of 7 feet measured in a horizontal plane
18. **The maximum area of individual roof panels for CC1 class plastic is:**
 - a) 100 square feet
 - b) 200 square feet
 - c) 300 square feet
 - d) 400 square feet
19. **Each skylight shall be a maximum area within the curb of:**
 - a) 100 square feet
 - b) 200 square feet
 - c) 300 square feet
 - d) 400 square feet
20. **Skylights shall be separated from each other by a distance of not less:**
 - a) than 2 feet measured in a horizontal plane
 - b) than 4 feet measured in a horizontal plane
 - c) than 6 feet measured in a horizontal plane
 - d) than 8 feet measured in a horizontal plane

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