

## 2.6 STAIRWAY PARTITIONS

- A. Configuration:
1. Refer to drawings for layout.
  2. Partitions shall be framed to fit with 2 inch (51 mm) nominal clearance around pipes, ducts and structure. Cap bar installation shall require top rail to be a minimum of 3 inches (76 mm) clear of overhead structure.
  3. Beveled panels shall be provided to accommodate sloping floors, ceilings and stairs.
  4. Panel module shall be a maximum of 5 feet (1.5 m) wide by 12 feet (3.7 m) high. Configurations shall be made of combinations of panel modules, stacked if greater than 12 feet (3.7 m) high. Provide stiffener post for panels over 12 feet (3.7 m) high.
  5. Provide anchors and fasteners appropriate for substrate material.
- B. Sure-Guard stairway partitions as manufactured by The GS Company.
1. Material: Steel.
  2. Wire: 8 gage (4.2 mm), 2 inches (51 mm) crimped steel diamond woven wire mesh clinched to frames.
  3. Frames: 1-1/2 inches by 3/4 inch by 11 gage (38 mm by 19 mm by 3 mm) channels with 1/4 inch (6 mm) bolt holes at 18 inches (457 mm) O.C.
  4. Reinforcing Rails: (2) 1-1/4 inch by 5/8 inch by 13 gage (32 mm by 16 mm by 2.3 mm) channels riveted toe to toe thru mesh and welded to vertical frames.
  5. Hinged Door Frames: Same construction as panels except with appropriate modifications, especially depth of frame, to accommodate specified hardware.
  6. Each door to have 1-1/2 pairs of partition manufacturer's standard commercial duty spring hinges bolted to both door and transom bar and partition manufacturer's UL listed panic exit device with cylinder lock. Provide security plates to prevent tampering with the locking hardware.
  7. Each door to be prepared for hardware set noted in hardware schedule. Hardware by other than partition manufacturer.
  8. Door Jambs: Provide 1-1/2 inches by 1-1/2 inches (38 mm by 38 mm) minimum steel tube each side of door anchored to overhead structure, or other door jambs as appropriate for specified hardware.
  9. Stiffening Bars: Provide 1/4 inch by 2 inches (51 mm by 6 mm) flat post at panel intersections.
  10. Floor Shoes: Leveling adjustable shoe bases to provide approximately 3 inches (76 mm) between floor and bottom frame member.
  11. Finish: Dipped coat of black enamel.
  12. Finish: Dipped red primer.
  13. Finish: Electrostatically sprayed enamel in color as selected from manufacturer color charts by Architect.
  14. Finish: Galvanized finish.
  15. Finish: Heat-fused polyester powder coating in color as selected by Architect from manufacturer's standard gray or black.
  16. Finish: Heat-fused polyester powder coating in color as selected by Architect from manufacturer's optional color charts.