

## 2.5 WINDOW GUARDS

- A. Sure-Guard window guards as manufactured by The GS Company.
1. Type: Fixed window guards.
  2. Type: Hinged window guards.
    - a. Jambs: Provide 1-1/4 inches by 1-1/4 inches by 1/8 inch (32 mm by 32 mm by 3 mm) angle jamb bars with bolt holes for anchorage spaced a maximum of 24 inches (610 mm) on center.
    - b. Provide emergency exit devices per code based upon customer security and exiting requirements.
    - c. Provide 3 by 3 inches (76 mm by 76 mm) butt hinges with non-removable pin and heavy duty barrel bolt. Guards 42 inches (1067 mm) or less have one pair of hinges and one barrel bolt just below vertical center of guard. Guards taller than 42 inches (1067 mm) have one and one half pair of hinges and two barrel bolts, one below vertical center of guard and the second at the bottom of guard. Padlocking optional.
  3. Lift-Out Type: Pin, hasp and staple type.
  4. Lift Out Type: Cradled angle type.
  5. Material: Steel.
  6. Material: Pre-galvanized steel.
  7. Material: Aluminum.
  8. Material: Stainless steel.
  9. Mesh/ Frame Combination: 6 gage (4.9 mm) wire in 2 inches (51 mm) square with 1-1/2 inches by 3/4 inch (38 mm by 19 mm) channel.
  10. Mesh/ Frame Combination: 6 gage (4.9 mm) wire in 2 inches (51 mm) diamond with 1-1/2 inches by 3/4 inch (38 mm by 19 mm) channel.
  11. Mesh/ Frame Combination: 8 gage (4.2 mm) wire in 2 inches (51 mm) square with 1 inch by 1/2 inch (25 mm by 13 mm) channel.
  12. Mesh/ Frame Combination: 8 gage (4.2 mm) wire in 2 inches (51 mm) diamond with 1 inch by 1/2 inch (25 mm by 13 mm) channel.
  13. Mesh/ Frame Combination: 10 gage (3.4 mm) wire in 1-1/2 inches (38 mm) square with 1 inch by 1/2 inch (25 mm by 13 mm) channel.
  14. Mesh/ Frame Combination: 10 gage (3.4 mm) wire in 1-1/2 inches (38 mm) diamond with 1 inch by 1/2 inch (25 mm by 13 mm) channel.
  15. Mesh/ Frame Combination: 11 gage (3.0 mm) wire in 1 inch (25 mm) square with 1 inch by 1/2 inch (25 mm by 13 mm) channel.
  16. Mesh/ Frame Combination: 11 gage (3.0 mm) wire in 1 inch (25 mm) diamond with 1 inch by 1/2 inch (25 mm by 13 mm) channel.
  17. Provide horizontal reinforcing bars to suit panel height as recommended by manufacturer. Bar shall be two 3/4 inch by 3/8 inch channels riveted toe to toe through the mesh and welded to vertical members.
  18. Shop Finish: Red primer.
  19. Shop Finish: Universal primer.
  20. Shop Finish: Heat-fused polyester powder coating.
  21. Shop Finish: Hot dip galvanized.
  22. Shop Finish: One shop coat of manufacturer's standard enamel in color as selected by Architect from manufacturer's color chart.