

SECTION 10850 - BUILDING SPECIALTIES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. This Section includes the following:
 - 1. Key protection box (Knox box).
 - 2. Corner guards.
- B. Related Sections include the following:
 - 1. Division 6 Section Division 15 Sections for concealed blocking required to install building specialties.
 - 2. Division 9 Section "Painting" for field painting of louvers.
 - 3. Division 15 Sections for ductwork attached to louvers/Griles.

1.03 SUBMITTALS

- A. General: Submit in accordance with Section 10330.
- B. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, finishes, and method of attachment for each product indicated.
- C. Shop Drawings: Show fabrication and installation details for each product specified. Shop Drawings shall indicate materials, gauges, fabrication details, dimensions and method of attachment.
- D. Maintenance Data: For all items to include in Operating and Maintenance Manuals specified in Division 1 Section "Closeout Procedures".

1.04 WORKMANSHIP

- A. Materials, devices, equipment and apparatus of a patented or of a special nature of manufacture shall be prepared, applied, or installed in strict accordance with the manufacturer's directions.
- B. Work of this Section shall be executed in strict accordance with Drawings, approved Shop Drawings and approved samples.
- C. Insofar as possible, fitting, construction and fabrication of the work shall be executed at shops, ready for delivery and erection at buildings.
- D. Provide all holes, connections, and fastenings for and to work of other trades abutting, adjoining, or intersecting work of this Section.
- E. All items, which do not have a special finish or are not otherwise specified, shall receive one shop coat of metal primer before leaving shop.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. In other Part 2 articles where subparagraph titles below introduce lists, the following requirements apply for manufacturer and product selection:
 - 1. Product: Subject to compliance with requirements, provide one of the products specified.

2.02 KEY PROTECTION BOX (KNOX BOX)

- A. Key Protection Box: Flush mount, finish to be selected by Architect. Coordinate order placement with Fire Department authorization. Coordinate mounting height and location in field with Architect.
 - 1. Product: Knox Company; Knox Box, Series 4400.

2.03 PRODUCTS

- A. Corner Guards: InPro Corporation.
 - 1. Clear Corner Guards at all 90 degree corner locations; surface mount, **3/4-inch, 8-ft in height.**

2.04 FABRICATION

- A. General: Materials shall be free from defects impairing strength, durability or appearance.
- B. Sections and shapes shall be rolled, formed, drawn or extruded as required for respective functions.
- C. Molded work shall have sharply defined profile and shall be clean and straight. Plain work shall be leveled, straight and surfaces true and smooth. Edges, angles, and corners shall be square, clean and sharp, unless otherwise detailed.
- D. Fastenings, exposed metal fastenings, and accessories, unless Underwriters' prohibit for safety, shall be of same materials, texture, color and finish as the base metal to which applied.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installers present, for compliance with requirements for installation tolerances, and other conditions affecting performance of work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. All items specified under this Section shall be installed in strict accordance with manufacturer's recommendations and approved Shop Drawings.

3.03 CLEANING AND PROTECTION

- A. Clean building specialties in accordance with manufacturer's instructions. Touch up factory-applied finishes to restore damaged or soiled areas.
- B. Provide final protection and maintain conditions that ensure building specialties are without damage or deterioration at the time of Substantial Completion.

END OF SECTION 10850