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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The CSI Construction Specifications Practice Guide*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers and titles are from *MasterFormat 2016 update*.

SECTION 12 63 13

STADIUM AND ARENA BENCH SEATING

Specifier Notes: This section covers Sturdisteel "Eagle Series 1000" bleacher seats. Consult Sturdisteel for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Bleacher seats.

1.2 SUBMITTALS

Specifier Notes: Edit submittal requirements as necessary. Delete submittals not required.

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.

- C. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating dimensions, tolerances, materials, components, fabrication, fasteners, hardware, finish, options, and accessories.
- D. Samples: Submit manufacturer's sample of bleacher seat colors.
 - 1. Sample Size: Minimum 1-1/2-inch diameter.
- E. Care and Maintenance Instructions: Submit manufacturer's care and maintenance instructions, including cleaning and repairing instructions, at project closeout.
- F. Warranty Documentation: Submit manufacturer's standard warranty.

1.3 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 5 years, in manufacture of bleacher seats of similar type to that specified.
- B. Installer's Qualifications:
 - 1. Installer regularly engaged, for past 5 years, in installation of bleacher seats of similar type to that specified.
 - 2. Employ persons trained for installation of bleacher seats.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Store materials in clean, dry area indoors.
 - 4. Protect materials and finish during storage, handling, and installation to prevent damage.

1.5 WARRANTY

- A. Warranty Period:
 - 1. Plastic: 5 years, against fading due to exposure to the elements.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Manufacturer: Sturdisteel, PO Box 2655, Waco, Texas 76702. Toll Free 800-433-3116. Phone 254-666-5155. Fax 254-666-4472. Website www.sturdisteel.com. E-mail info@sturdisteel.com.
- B. Substitutions: Not permitted.

2.2 BLEACHER SEATS

- A. Bleacher Seats: "Eagle Series 1000".
 - 1. Contoured shape with rounded edges.
 - 2. Drainage slots.
 - 3. Recesses and holes for attachment hardware at each corner.
- B. Seat Spacing: 18 inches center-to-center.
- C. Seat Molding:
 - 1. Material: High-density polyethylene, with antistatic and UV protection.
 - 2. Process: Blow molded.

Specifier Notes: Specify color of seats. Consult Sturdisteel for availability of custom colors.

- 3. Color: [Ball Park Green] [Black] [Deep Purple] [Flag Blue] [Grey] [Kelly Green] [Light Maroon] [Maroon] [Navy Blue] [Orange] [Purple] [Red] [_____].
- D. Attachment Hardware:
 - 1. Attach seats to bleachers.
 - 2. Stainless steel bolts, nuts, and washers.
- E. Number Plates:
 - 1. Material: Plastic.
 - 2. Size: 5/16 inch by 2-5/16 inches.
 - 3. Color: Brushed silver background, black characters.
 - 4. Attachment to Seats: 1/8-inch aluminum pop rivets.
 - 5. Number seats as indicated on the Drawings.

Specifier Notes: Name plates are optional. Delete if not required.

- F. Name Plates:
 - 1. Material: Plastic.
 - 2. Size: 5/16 inch by 2-5/16 inches.
 - 3. Color: Brushed silver background, black characters.
 - 4. Attachment to Seats: 1/8-inch aluminum pop rivets.
 - 5. Name seats as indicated on the Drawings.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive bleacher seats.
- B. Verify surfaces to support bleacher seats are clean, dry, flat, plumb, level, square, stable, and rigid.

- C. Notify Architect of conditions that would adversely affect installation or subsequent use.
- D. Do not begin surface preparation or installation until unacceptable conditions are corrected.

3.2 SURFACE PREPARATION

- A. Prepare surfaces in accordance with manufacturer's instructions.
- B. Remove dirt, dust, debris, oil, grease, and other surface contaminants which could adversely affect installation of bleacher seats.

3.3 INSTALLATION

- A. Install bleacher seats in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install bleacher seats plumb, level, straight, and square.
- C. Anchor bleacher seats securely in place to supports.

3.4 CLEANING

- A. Clean bleacher seats promptly after installation in accordance with manufacturer's instructions.
- B. Do not use harsh cleaning materials or methods that could damage finish.

3.5 PROTECTION

Specifier Notes: Include the following sentence for indoor installation.

- A. Protect installed bleacher seats from damage during construction.

Specifier Notes: Include the following sentence for outdoor installation.

- B. Protect installed bleacher seats to ensure that, except for normal weathering, seats will be without damage or deterioration at time of Substantial Completion.

END OF SECTION