

BLEACHERS INTERNATIONAL

Technical Data for Portable Bleachers

Part 1 — General

1.A. Systems Description: Design and fabrication of Portable Bleachers.

1.B. Manufacturer: Bleachers International

Manufacturer Qualifications: Manufacturer has ten years of experience in the the manufacture of bleachers and grand stands; welders are AWS certified.

Source Quality Control: Mill Test Certification.

1.C. Warranty: Bleachers International warrants its portable bleachers

to be free from defect in material and workmanship in the course of manufacturing for a period of one year beginning at date of substantial completion for projects installed by Bleachers International beginning at date of initial delivery of product for projects installed by owner. Installation of said product by Bleachers International personnel or proper installation by owner is covered by the one-year warranty. This warranty excludes any other defects resulting from abnormal use in service, accidental or intentional damage or any occurrences beyond Bleachers International 's control.

Part 2 — Products / Portable Bleachers

2.A. Product Description:

1. Rise and Depth Dimensions: Vertical rise and horizontal depth per row: 8" x 24". Seat is 17" above its respective tread.

2. Framework: Prefabricated angle bleachers frames are spaced at 6-foot intervals and connected by cross braces.

3. Seats: Nominal 2" x 10" anodized aluminum plank, with 2" x 10" end caps.

4. Treads: Nominal 2" x 10" mill finish aluminum plank with 2" x 10" end caps.

5. Risers: Optional 1" x 6" mill finish riser board.

6. Joint Sleeve Assembly: Optional on large continuous units to maintain true alignment in joining two planks together.

7. Steps: Frames with 2" x 12" mill finish aluminum plank.

8. Guardrail: Each line with end caps at ends of straight runs and elbows at corners. Secured to angle-rail risers by fasteners. Back and side top rail to be 42 inches above its adjacent seat. Front top rails to be 42 inches above walkway.

Optional: 9-gauge chainlink fencing to provide enclosure as required by local building codes.

9. Transport Kit: Tow Bar (painted steel tube) and wheel sets (4.80 x 12 tires).

2.B. Materials/Finishes:

1. Framework — Aluminum: Structural fabrication with aluminum alloy 6061-T6, mill finish.

2. Extruded Aluminum:

a. Seat Planks: Extruded aluminum alloy 6063-T6, clear anodized 204R1, AA-M10C22A31, Class II.

b. Tread Planks, Riser Planks: Extruded aluminum alloy 6063-T6, mill finish.

c. Joint Sleeve Assembly: Extruded aluminum alloy 6063-T6, mill finish.

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3. Accessories:

- a. Channel End Caps: Aluminum alloy 6063-T6, clear anodized 204RI, AA-M10C22A31, Class II.
- b. Hardware:
 - (1) Bolts, Nuts: Hot-dipped galvanized or cadmium plated.
 - (2) Hold-Down Clip Assembly: Aluminum alloy 6063-T6.
 - (3) Structural Hardware: Hot-dipped galvanized, ASTM-A305.
- c. Guardrailing: Anodized Aluminum Pipe: 1.66" O.D. 9-gauge chainlink fencing.

2.C. Fabrication:

- 1. Design Load:
 - a. Live Load: 100 psf gross horizontal projection
 - b. Lateral Sway Load: 24 plf seat plank
 - c. Perpendicular Sway Load: 10 plf seat plank
 - d. Wind Load: 30 psf vertical projection
 - e. Live Load of Seat and Tread Plank: 120 plf
 - f. Guardrail: 100 plf vert, and 50 plf horiz.

Part 3 — Execution:

- 3.A. Installation shall be in accordance with manufacturer's installation procedures.