

Bleacher Specifications

Low Rise Aluminum Angle Frame Tip-N-Roll



SECTION 13125

LOW RISE ALUMINUM ANGLE FRAME TIP-N-ROLL BLEACHERS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Design and fabrication of Non-Elevated angle frame bleachers

1.02 QUALITY ASSURANCE

- A. Distributor: BuiltRiteBleachers.com 67 Canterbury Lane Southington, CT 06489
P.O. Box 11487 Fort Wayne, In 46858-1487
- B. Manufacturer Qualifications: Manufacturer must have a minimum of ten years experience in the design and manufacture of bleachers.
- C. Welders must conform to AWS standards.
- D. Source Quality Control: Mill Test Certification.
- E. Codes and Standards: 2003 International Building Code.

1.03 WARRANTY

- A. Warranty shall guarantee bleachers to be free from defect in materials and workmanship for a period of 1 year under normal use. Warranty period shall begin on date of completion for projects installed by manufacturer, or its subcontractors, OR warranty period shall begin on date of final delivery on projects installed by others.
- B. Anodized finish of plank extrusions shall be covered by a 5 year warranty against loss of structural strength or finish deterioration due to exposure to weather conditions or UV rays. Discoloration of mill finish aluminum due to galvanic reaction not covered.

1.04 PRODUCT LIABILITY INSURANCE

- A. Product liability insurance is carried for the life of the product in the amount of \$ 2,000,000.

1.05 ENGINEERING

- A. Engineering certifications and calculations by a Registered Professional Engineer will be provided upon request, for a fee.

PART 2 – PRODUCTS

2.01 ACCEPTABLE DISTRIBUTOR

- A. BuiltRiteBleachers.com

2.02 DESIGN

- A. Applicable Codes:
INTERNATIONAL BUILDING CODE (IBC), 2003 EDITION
Except aisle and handicapped requirements
- B. Design Loads:
 - 1. Live Loads: Uniform loading - Structure = 100 psf
Uniform loading - Seat and Foot plank = 120 plf
 - 2. Sway Loads: Perpendicular to seats = 10 plf
Parallel to seats = 24 plf
 - 3. Guardrail Loads: Uniform vertical load = 100 plf
Uniform horizontal load = 50 plf
Concentrated horizontal load = 200 pounds
 - 4. *Wind Loads: Basic design wind speed = 150 mph (exposure "B")

*Note: Bleacher must be anchored to meet wind loads above

2.03 NON-ELEVATED ANGLE FRAME BLEACHERS

- A. Quantity and Size: Shall consist of 1 unit(s) 4 rows high x 7 long.
Net seating capacity per unit 20 (excluding aisles, based on 18' per seat).
- B. Framework: Prefabricated aluminum angle spaced at 6' - 0" intervals joined by means of aluminum angle cross bracing.
- C. Shop connections: Welded to meet AWS standards and local code requirements