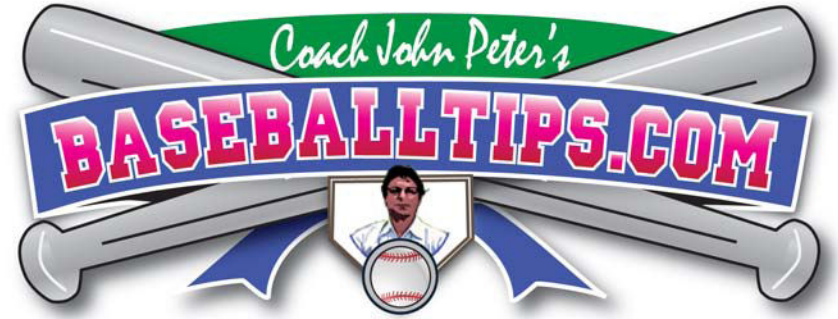


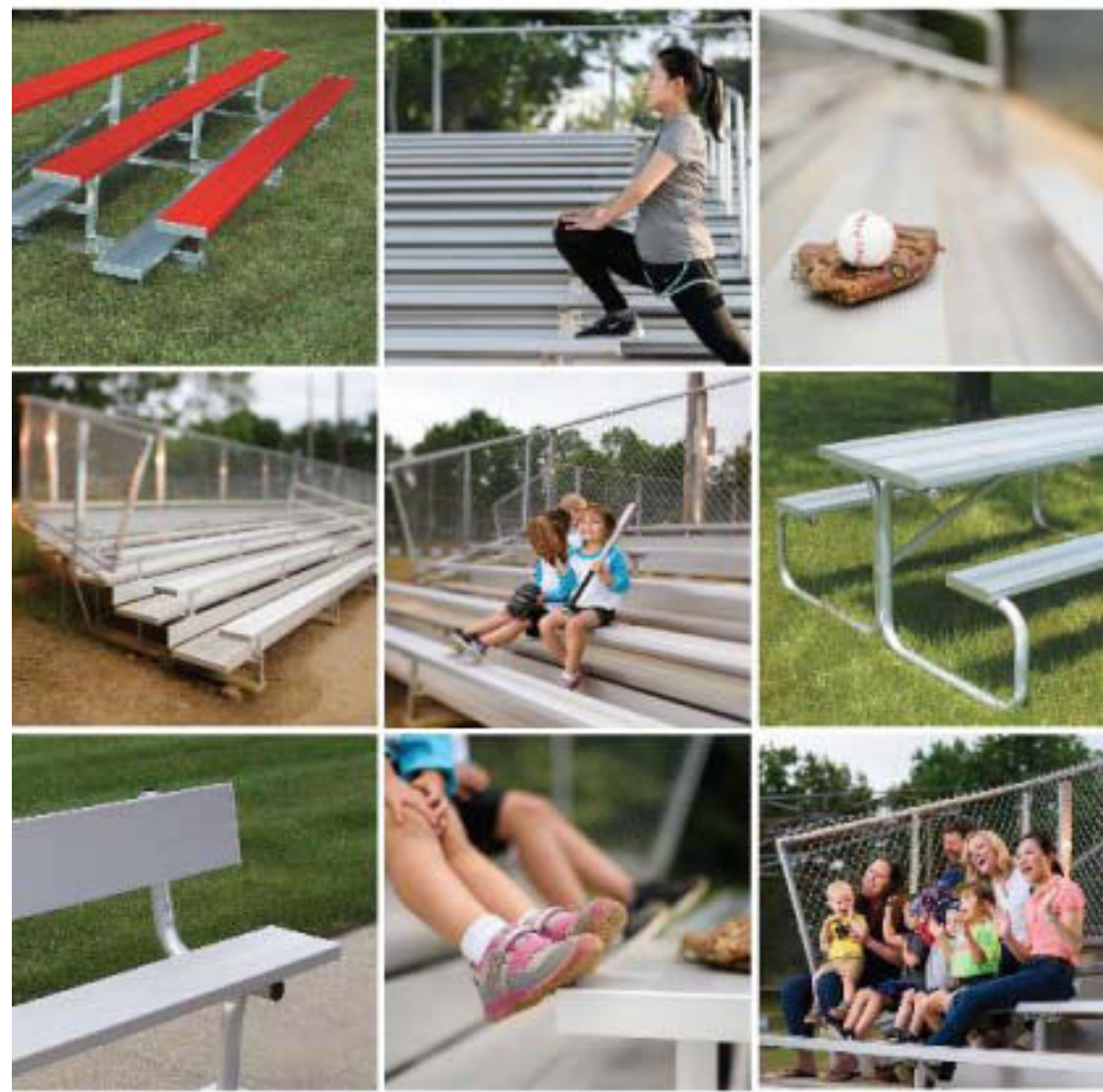


ALUMINUM BLEACHER BASICS

Here is the aluminum bleacher information you need to make your best buying decision! Still got questions? Call Us?



- ❑ 20+ years experience in the commercial spectator seating market
- ❑ Small in house sales team; primarily sold through network of dealers and online retailers
- ❑ Universities, high schools, parks, ball diamonds, soccer complexes, race tracks and military bases across the United States and countries around the world
- ❑ Sales office in Asheville, NC





Bleacher Standards

- Bleacher standards were developed by the International Code Council. The latest version is ICC 300 – 2012: Standards for Bleachers Folding and Telescoping Seats, and Grandstands
- The intent of the ICC 300 is to establish minimum requirements to safeguard public health, safety and general welfare through structural strength, means of egress facilities, stability, and safety for life and property.
- ADA guidelines should be considered for ground level systems and are required for elevated systems.
- US Consumer Product Safety Commission Guidelines for Retrofitting Bleachers Pub. No. 330 000011
<http://www.cpsc.gov/pagefiles/122347/330.pdf>
- Local building and fire codes should be considered as well.

Bleacher Standards

IBC Code Definition for Bleachers:
“Tiered seating supported on a
dedicated structural system and two or
more rows high.”



Smaller systems of spectator seating
may be referred to as Bleachers and
Grandstands



IBC Code definition for Grandstands:
“Tiered seating supported on a
dedicated structural system and two or
more rows high.”

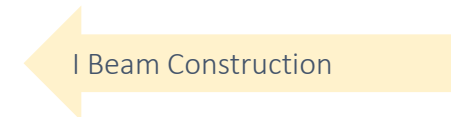


Very large spectator seating
found at Racetracks and other
venues are typically referred to
as Grandstands

Angle Frame Construction



I Beam Construction



Common Bleacher Systems



Non-Elevated Systems:
Bleacher system when seated on first row your feet are at ground level.



Elevated Systems: An elevated bleacher system offers better sight lines for viewing the action



Low Rise Systems:
Low rise 1st seat height 10½"

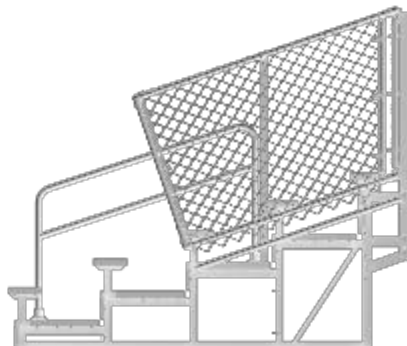
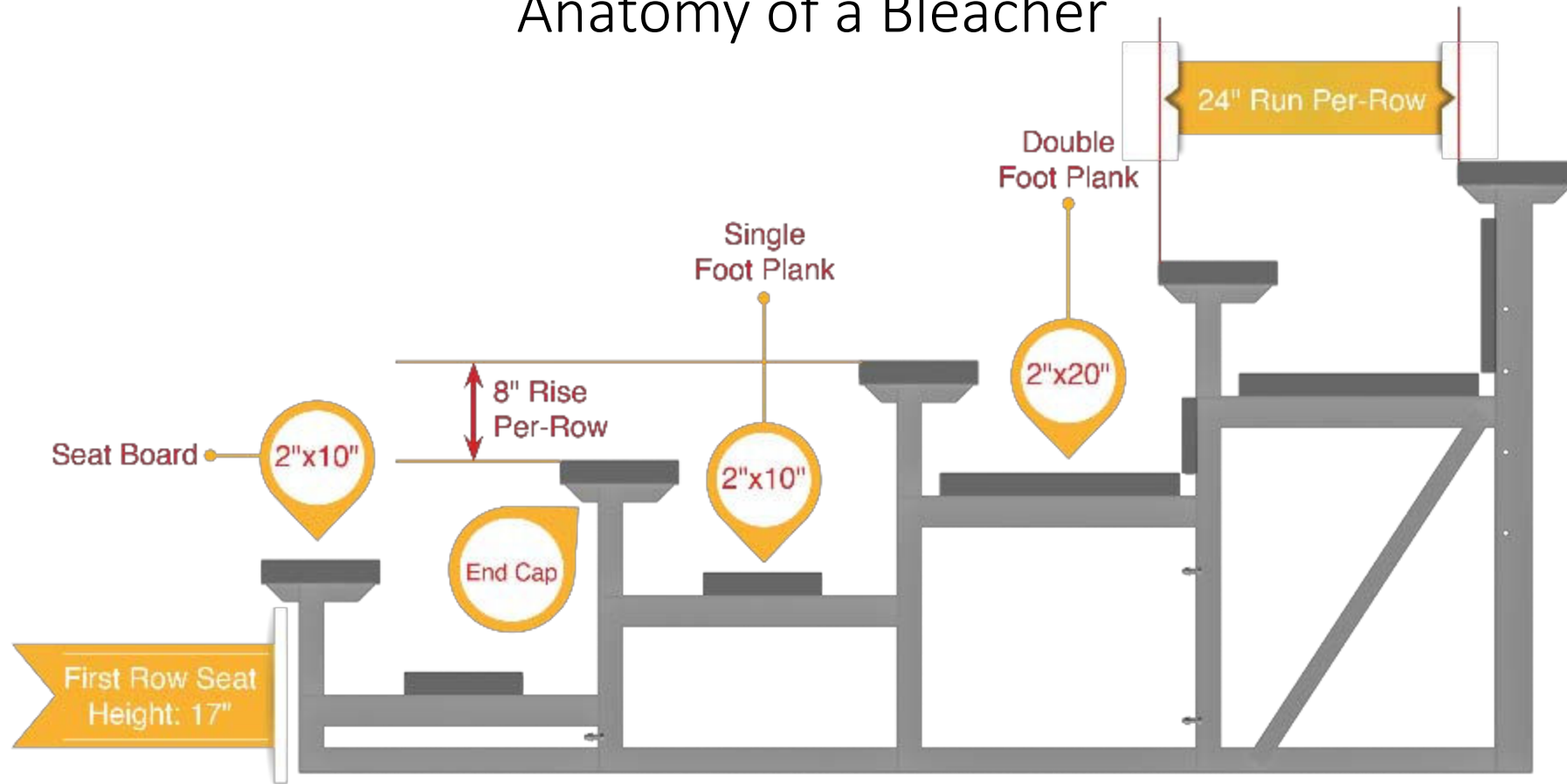


Tip N' Roll Systems:
Tips up for movement and storage when not in use



Transportable Systems: Designed specifically to withstand the rigors of movement

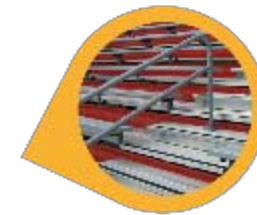
Anatomy of a Bleacher



Perimeter Guardrail



Mid-Aisle Grabrail



Anatomy of a Bleacher

Basic Bleacher Terms

"Single Foot Plank" is a term used to describe (1) 2"x10" mill finish aluminum foot plank per row to rest your feet on when seated.

"Double Foot Plank" is a term used to describe (2) 2"x10" mill finish aluminum foot planks per row to rest your feet on when seated.

"Riser Plank" is a term used to describe a "mill finish" aluminum plank that is mounted vertically under the seat and behind your feet to close the opening to meet building and safety codes.

"Rise" The vertical measure from the top of a bleacher seat to the top of the bleacher seat in the next row.

"Run" The horizontal measure from the front of a bleacher seat to the front of the bleacher seat in the next row.

Anatomy of a Bleacher

--- Additional Features



Vertical Picket Guardrail
(all aluminum
construction)



Aisle W/Anodized
Handrail



Elevated Front Walkway



Mobility ramps for
mobility device access



ADA Inclusive Seating

Key Features - Bleacher Systems

Non-Elevated Bleachers



- When seated on the first row, your feet are at ground level.
- Affordable system for all your basic bleacher needs

Elevated Bleachers



- Elevated front walkway platform with front guardrail
- Entry stairs and/or ADA ramp
- Aisle(s) w/handrail and
- Riser plank on all rows
- Double foot plank on all rows
- Inclusive ramp required with ADA seating

Low-Rise Bleachers



- 3 & 4 ROW LOW RISE SYSTEMS
- 2" x 12" anodized seat planks (wider than standard 2" x 10")
- 6" rise per row
- Top seat height under 30"
- Low rise 1st seat height 10½"
- 5 ROW LOW RISE SYSTEM much like 3 & 4 Row EXCEPT top seat height is over 30", thus requires guardrail

Key Features - Bleacher Systems

Tip N Roll Bleachers



- Tips up for movement and storage when not in use
- Non-marring rubber foot pads to protect indoor flooring
- 5" wheels for easy movement (rear wheels include brakes)
- All aluminum (welded) light weight frame for easy lifting
- Available in 2 & 3 row and 3 & 4 row Low Rise systems
- The perfect auxiliary seating system for indoors
- *4 row Tip N' Roll outrigger for added safety and stability

Transportable Bleachers



- Available in 5 and 10 row models
- Designed specifically to withstand the rigors of movement
- Include additional frame bracing
- Requires "Transport Kit" Light Kit for 5 row systems
—Heavy Kit for 10 row systems (kit includes: wheel assembly, tongue assembly, and lifting jacks)
- Note: One kit can be used for multiple transportable bleachers



Model Descriptions

STANDARD

- Single foot plank on row 2 & 3
- Double foot plank on rows 4 and up (Excluding low rise bleachers)
- Riser plank on rows 4 and up (Excluding low rise bleachers)
- Chain-link or vertical picket guardrail on systems with 5 rows or more

PREFERRED

- Double Foot Plank on all rows
- Riser Plank on rows 4 and up (excluding Low Rise Bleachers)
- Chain-link or Vertical Picket Guardrail on systems with 5 rows or more

DELUXE

- Double Foot Plank on all rows
- Riser Plank on all rows
- Aisle(s) with handrail
- Chain link Guardrail or Vertical Picket on systems with 5 rows or more
- NOT AVAILABLE IN LOW RISE OR TIP N' ROLL





Options

ADA COMPLIANT

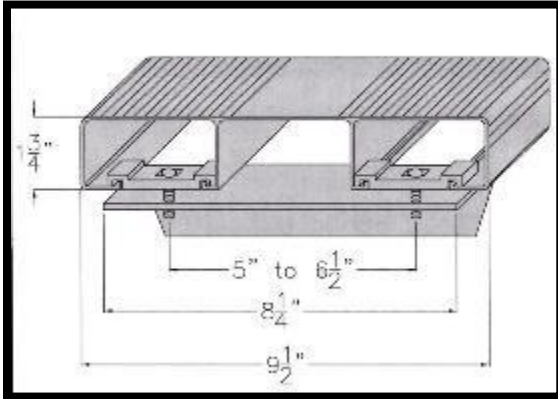
- ADA Series Bleachers feature wheelchair seating areas with companion seating to meet ADA accessibility requirements
- Available with chainlink or vertical picket guardrail system

SUPERIOR SEATS

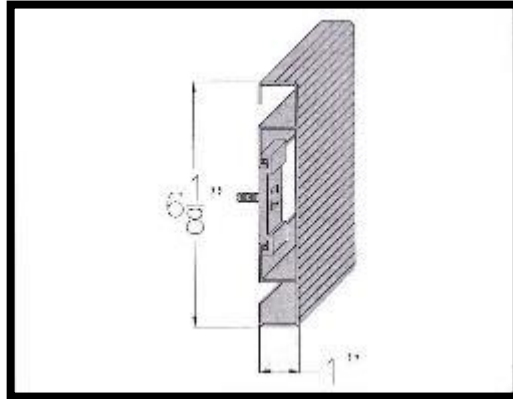
- Seats with back rest for more comfort
- Closed deck system for easier maintenance
- 14" rise per row for superior line of sight
- 36" run for additional leg room and more comfort
- Aisle with center handrail for easier access to upper rows
- All-aluminum vertical picket guardrail for a safer non-climbable system

Bleacher Components

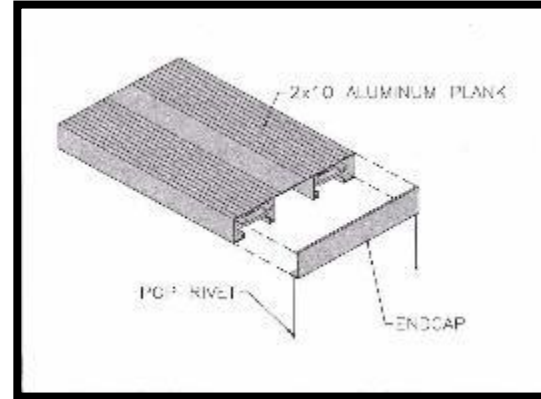
2"X10" anodized seat plank or
2"X10" mill finish foot plank



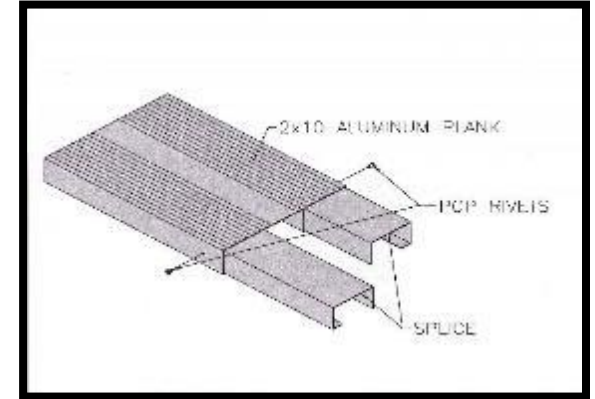
1"X6" RISER PLANK



ALUMINUM END CAP



SPLICE

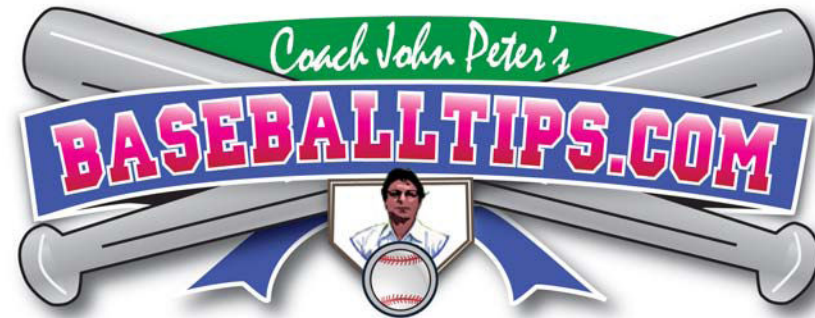




Quoting and Ordering

For best product recommendation and quote,
provide the following:

- Number of seats needed
- Available space
- Space description and accessibility to space
- Indoor or outdoor
- If indoor, do you have storage space and how much
- If outdoor, what type of surface is the structure going on
– gravel, asphalt, concrete
- ADA requirements
- Local building and fire code specifications



800 487 7432