

RENNER SPORTS SURFACES RUNNING TRACK INSTALLATIONS



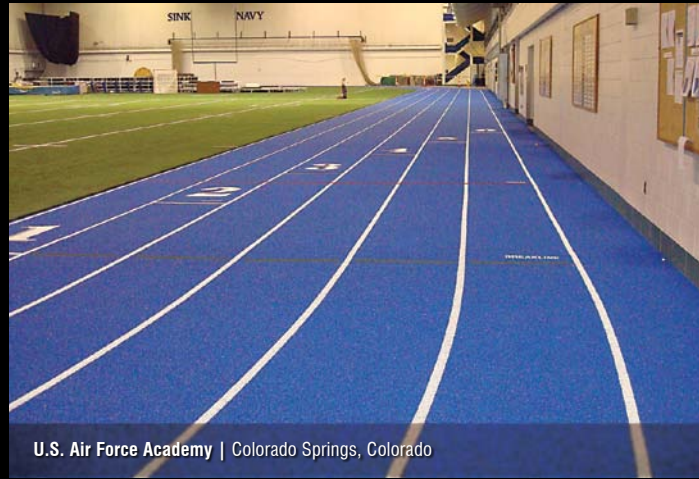
2012 ASBA Distinguished Outdoor Track Facility
Kaycee Junior/Senior High School | Kaycee, Wyoming



2009 ASBA Distinguished Outdoor Track Facility
Colorado State University | Pueblo, Colorado



Alta High School | Sandy, Utah



U.S. Air Force Academy | Colorado Springs, Colorado



John F. Kennedy High School | Denver, Colorado



McIntosh Field | Jackson, Wyoming



2011 ASBA Distinguished Outdoor Track Facility | Bishop Gorman High School | Las Vegas, Nevada



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RUNNING TRACK CONSTRUCTION

RUNNING TRACKS | CLAY COURTS | PLAY COURTS | RESURFACING | ACRYLIC COATINGS

Running track construction

For over 30 years Renner Sports Surfaces has led the industry in adapting post-tensioned concrete for use in athletic facilities. Renner has unmatched experience with planning, design, and construction of these facilities. Utilizing this experience, owners can avoid costly mistakes and ensure the project is completed on time and within budget.

Running Track Check List

- Perform soil testing
- Survey size and elevation
- Define geometry and location of event areas
- Understand facility use/potential future use
- Meet safety requirements and regulations
- Understand how site drains
- Safety zone
- Subsurface site conditions
- Type of synthetic surface
- Sports to be played on the field
- Finish line location
- Level of competition to be run on the track
- Number of lanes
- Lighting, bleachers, fencing
- Raised or flush curb
- Maintenance

Renner Sports Offers

- 30+ years experience
- Design, engineering, and construction all in-house
- ASBA Certified Track Builder on staff
- 3-time winner of ASBA Distinguished Outdoor Track Facility
- Knowledge of governing body rules
- Expertise in site development
- Infrastructure drainage systems
- Complete infrastructure for synthetic turf fields, including drainage and laser-graded base
- Paving with asphalt or post-tensioned concrete
- Surfacing with a full range of latex and polyurethane systems
- Professional striping and custom markings
- Accessories and equipment

Why is the base so important?

70% or more of a running track's budget is the cushioned surface. So why put all that money over asphalt which only comes with a 1 year warranty (**expected life 12 years**)?

All problems with the asphalt will reflect through the surface: cracking, settling (low spots) and irregularity.

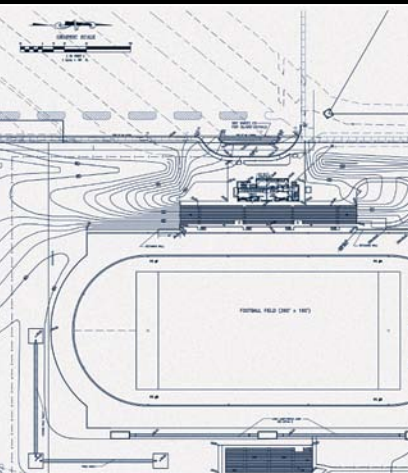
The benefits of building with post-tensioned concrete include:

- 5 year warranty (**expected life 50+ years**)
- increased resistance to settling and heaving
- more controlled slope for drainage
- the ability to have the surfaced scraped and a new one applied without overlaying, patching, removing or replacing.

Just as with tennis courts, a post-tensioned base provides the highest degree of performance with the lowest cost of facility ownership. It maximizes the life of the surface/ investment.

New or re-building post-tensioned process:

1. Design/Engineering



Renner Sports develops a scope and CAD plan reflecting the owners needs, wants, and desires.

2. Site work



Site work preparation provides a stable base following the recommendations of the Geotechnical Engineer.

3. Drainage



Depending upon site conditions, Renner provides and installs all necessary drainage systems.

4. Post-tensioned cables



Forms and cables are placed and set to grade using laser technology to assure proper slope and compression.

5. Concrete Placement



Concrete is placed using a laser-controlled or A-frame screed to achieve precise slope.

6. Concrete Finishing



Special equipment is then used to further ensure planarity and to create a texture to insure the surface has something to adhere to.

7. Cable Stressing



Once the concrete has hardened the cables are tensioned ensuring any cracks that develop cannot open.

8. Surfacing



A full line of surfaces and colors are available to meet any budget or performance requirements.