

Sports Court Construction Guide

A Practical Guide to Planning, Building & Finishing High-Performance Sports Courts

Successful sports court construction requires proper planning, engineering, drainage, base preparation and surface installation. Whether constructing a tennis court, pickleball court, basketball court, badminton court, volleyball court or multi-purpose court, every stage influences long-term performance, safety and durability. Pacecourt synthetic acrylic sports flooring systems are designed to deliver professional playing characteristics and long service life.

Key Construction Stages

- Site survey and feasibility study
- Court layout and dimension planning
- Earthwork and grading
- Drainage design and installation
- Concrete or asphalt base construction
- Surface preparation and repairs
- Acrylic flooring application
- Line marking and equipment installation
- Final quality inspection and handover

Stage	Objective
Site Survey	Assess location, soil and dimensions
Base Construction	Create a strong foundation
Drainage	Prevent standing water
Acrylic Flooring	Deliver playability and durability
Line Marking	Ensure game compliance
Inspection	Verify quality standards

Construction Specifications & Best Practices

Specification	
Base Type	
Court Slope	
Drainage	
Surface System	
UV Resistance	
Maintenance	

Common Construction Mistakes

- Poor drainage planning
- Incorrect court dimensions
- Uneven or weak base construction
- Inadequate curing time
- Low-quality flooring materials
- Improper line marking and layout

Construction Checklist

- ✓ Site survey completed
- ✓ Drainage installed
- ✓ Base prepared and cured
- ✓ Acrylic flooring system applied
- ✓ Line markings completed
- ✓ Sports equipment installed
- ✓ Final inspection approved

Why Choose Pacecourt?

Pacecourt specializes in synthetic acrylic sports flooring solutions for schools, clubs, sports academies, residential projects and professional sports facilities. The systems are engineered for durability, UV resistance, player comfort and long-term value across Indian climate conditions. Visit www.pacecourt.com for more information.