Base Preparation & Surface Guide

Foundation and Surface Preparation for Long-Lasting Sports Courts

Theperformanceandlifespan ofany sportscourtdepend heavily onproper base preparation. A well-prepared foundation ensures structural stability, effective drainage, surface uniformity and long-term durability. Pacecourt synthetic acrylic flooring systems perform best when installed on properly constructed concrete or asphalt bases.

Why Base Preparation Matters

- Prevents cracks and surface movement
- Improves drainage performance
- Ensures consistent ball bounce
- Extends surface lifespan
- Reduces future maintenance costs
- Supports acrylic coating adhesion

Preparation Stage	Purpose
Site Evaluation	Assess soil and drainage conditions
Earthwork & Grading	Create level foundation
Compaction	Improve base stability
Concrete/Asphalt Base	Provide structural support
Surface Inspection	Identify defects before coating
Final Preparation	Ready surface for acrylic system

Surface Preparation Best Practices

Before acrylic flooring installation, the surface must be clean, dry and structurally sound. Any cracks, depressions or contaminants should be repaired to ensure optimal coating performance.

Specification	Recommendation
Base Type	Concrete or Asphalt
Surface Slope	0.83%–1%
Drainage	Mandatory
Crack Treatment	Required Before Coating
Surface Cleanliness	Dust and Debris Free
Curing Period	As Per Base Specifications

Common Preparation Mistakes

• Poorsoilcompaction

• Inadequate drainage planning

• Uneven base levels

• Applying coatings on uncured surfaces

• Ignoring cracks and low spots

• Insufficient surface cleaning

Base Preparation Checklist

✓ Sitesurveyedand measured

✓ Drainage planned and installed

✓ Base compacted properly

✓ Concrete/asphalt completed

✓ Surface inspected and repaired

✓ Ready for acrylic flooring application

Why Choose Pacecourt?

Pacecourt followsproven constructionand surface preparation practices to maximize the performance of synthetic acrylic sports flooring systems. Proper preparation ensures durability, player safety and long-term value for sports facilities across India. Visit www.pacecourt.com for more information.