


# Maintenance Manual

Your complete guide to  
protecting, cleaning, and  
extending the life of your  
Pacecourt surface

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For Authorised Dealers & Court Owners

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# TABLE OF CONTENTS

<b>Introduction</b>	<b>01</b>
Guidelines to maintain Pacecourt surfaces for durability, safety, and consistent performance.	
<b>Routine Cleaning</b>	<b>01-03</b>
Steps for regular cleaning to keep surfaces clean, safe, and performance-ready.	
<b>Water &amp; Drainage Management</b>	<b>04 - 05</b>
Guidelines for proper water flow and drainage to protect surfaces and ensure longevity.	
<b>Debris &amp; Foreign Matter</b>	<b>06</b>
Guide to clearing debris and foreign matter for a clean, safe, and high-performance surface.	
<b>Correct Equipment &amp; Tools</b>	<b>07</b>
Proper equipment and tools ensure safe, efficient, and damage-free maintenance.	
<b>Inspection, Repair &amp; Resurfacing</b>	<b>08</b>
Step-by-step inspection, repair, and resurfacing to maintain durability and peak performance.	
<b>Seasonal Maintenance Guide</b>	<b>10</b>
Seasonal care practices to protect surfaces and maintain performance year-round.	
<b>Warranty &amp; Maintenance Compliance</b>	<b>11</b>
Proper maintenance compliance to uphold warranty validity and ensure lasting surface performance.	

# Introduction

Pacecourt **100% synthetic acrylic sport surfaces** are engineered for exceptional durability, UV resistance, and all-weather performance. When maintained correctly, a Pacecourt surface will deliver consistent playability and vibrant appearance for many years.

This Maintenance Manual has been developed by Pacecourt — **Balaji Sports Co.** to guide court owners, facility managers, and authorised dealers through the correct procedures for cleaning, protecting, and preserving their investment. Following these guidelines is also a condition of the Pacecourt 3-Year Limited Warranty.

## NOTE

This manual applies to all Pacecourt synthetic acrylic surfaces installed for tennis, basketball, badminton, pickleball, volleyball, walking tracks, cycle tracks, and multi-sport courts.

## About Pacecourt Acrylic Surfaces

<b>Surface Type</b>	Synthetic acrylic multi-layer coating system
<b>Layer System</b>	8-layer engineered system for durability and cushioning
<b>Base Substrate</b>	Concrete or asphalt (properly prepared)
<b>Certifications</b>	ITF-3 Certified (Tennis), ISO Certified
<b>Color Options</b>	8 standard RAL colours + custom colours on request
<b>Resurfacing Cycle</b>	Typically every 5–8 years depending on usage and maintenance
<b>Warranty</b>	3-Year Limited Warranty (subject to correct maintenance)

## Section-1 Routine Cleaning

### Routine Cleaning

Basic, regular cleaning is the single most effective action you can take to extend the life of your Pacecourt surface. Dirt, debris, and organic matter are the primary causes of premature surface wear and staining. A consistent cleaning routine preserves colour vibrancy, surface texture, and ball-bounce characteristics.

#### 1.1 Recommended Cleaning Frequency

Frequency	Task	Priority
After every use	Sweep or blow off loose debris, dust, and sand with a soft broom or leaf blower	Critical
Weekly	Rinse the full court surface with clean water; remove standing water promptly	Regular
Monthly	Full wet clean with mild detergent solution; inspect for mold, mildew, or stains	Regular
Quarterly	Inspect drainage channels, court perimeter, and net post anchors	Advisory
Annually	Professional inspection of surface condition, cracks, birdbaths, and drainage performance	Critical

#### 1.2 General Cleaning Method

- Rinsing the court surface with clean water is sufficient for day-to-day general cleaning.
- Use a soft nylon or hair-type broom for sweeping. Hard-bristle brooms can abrade the acrylic coating and reduce surface life.
- For visible stains, apply a mild detergent before gentle scrubbing with a soft bristled brush.
- When using a pressure washer, keep pressure low and do not hold the tip too close to the surface — high-pressure contact can strip acrylic coating layers. A surface pressure washer (rotary head) is preferred over a hand wand as it does not leave stripe marks.

## 1.3 Mild Detergent Formula

Formula Component	Quantity
Clean Portable Water	4 Parts
TSP (Trisodium Phosphate)	2 Parts
Household bleach (when mildew present)	1 Part

### TIP

Always rinse the court thoroughly with clean water after applying any detergent or cleaning solution. Do not allow detergent residue to dry on the surface.

## 1.4 Mold, Mildew & Fungus Removal

Pacecourt acrylic coatings do not themselves support fungal growth. Mold and mildew growth is caused by food/drink spills, decaying organic matter, or debris accumulating on the surface, particularly in shaded corners and areas under trees.

### WARNING

Do not use strong acid-based or solvent-based cleaners on the Pacecourt surface. These will damage the acrylic binder and void the warranty.

To remove mold, fungus, or other organisms from the acrylic surface:

- Mix 2 parts household bleach with 1 part clean water.
- Apply the solution to the affected area using a soft brush or mop.
- Scrub gently in a circular motion with a soft bristled brush.
- Allow the solution to sit for 3–5 minutes.
- Rinse thoroughly with clean water. Repeat if necessary.

## 1.5 Indoor Courts - Additional Requirements

- Indoor courts require frequent vacuuming to remove dust and fine particulate matter between wet cleans.
- Perform at least one full annual wet cleaning using mild detergent solution and soft bristled equipment.
- Check HVAC condensation drainage — water dripping from air conditioning units can cause localised mold growth.
- Do not use industrial floor-polishing or waxing machines on Pacecourt acrylic indoor surfaces.

## Section-2 Water & Drainage Management

# Water & Drainage Management

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Water management is critical to the long-term health of any Pacecourt surface. While rain naturally rinses the court, standing water and poor drainage cause significant damage over time.

## 2.1 Remove Standing Water

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Dirt and fine particles accumulate in standing water (known as 'birdbaths'). When players move through these areas, the sediment acts like sandpaper on the court surface, causing premature abrasion and wear.

- Remove standing water from birdbath areas as soon as possible after rainfall using a squeegee or court broom.
- Do not allow irrigation systems to spray water directly onto the court surface.
- Ensure court perimeter channels and drainage outlets are not blocked by leaves, soil, or debris.

## 2.2 Drainage System Inspection

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A properly functioning drainage system is essential for protecting the Pacecourt surface and the underlying base. Inspect the drainage system quarterly and after heavy rain events.

- Check drain inlets, grates, and catch pits for blockage by leaves, sediment, or vegetation.
- Inspect drainage pipes and swales for cracks, root intrusion, or structural damage.
- Ensure all surface run-off is directed away from the court, not back onto it.
- Report any evidence of water pooling beneath the base (soft spots or surface bubbling) to Pacecourt immediately.

### **WARNING**

Over-watering vegetation around the court perimeter can cause moisture to accumulate beneath the base slab. When the court surface heats in sunlight, this trapped moisture can form blisters as it evaporates through the acrylic layers. Avoid over-irrigation near the court

## **2.3 Snow & Ice (Applicable to Cold Climates)**

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- If snow or ice removal is necessary, use only soft, rubber-edged squeegees or plastic snow shovels.
- Do NOT use metal scrapers, spud bars, or hard-edged tools — these will gouge the acrylic surface.
- If mechanical plows are used, ensure rubber or plastic shoes are fitted to prevent blade contact with the surface.
- Do not use rock salt, calcium chloride, or other ice-melt chemicals on the Pacecourt surface. These chemicals cause abrasion and can accelerate surface wear.

## Section- 3 Debris & Foreign Matter

### Debris & Foreign Matter

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Foreign matter left on the court surface is a leading cause of staining, mold growth, and surface abrasion. Implementing simple habits around the court greatly extends surface life.

#### 3.1 Organic Debris

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- Remove leaves, pine needles, twigs, and seed pods immediately — they cause staining and are breeding grounds for mold and mildew.
- It is especially important to clear leaves in autumn and to keep the court free of organic debris during winter months.
- Blow or sweep paths and walkways leading to the court to minimise tracking of soil and grass onto the surface.

#### 3.2 Landscaping Around the Court

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- Keep grass, ground cover, and any other vegetation trimmed back from the court edge. Grass encroaching onto the surface retains moisture and causes staining.
- Mulch planting beds adjacent to the court to prevent soil, dust, and bark from blowing onto the surface.
- Plant grass or ground cover on any bare earth areas around the facility to minimise dust generation.
- Do not allow weed killer, fertiliser, insecticide, or any other chemicals to contact the court surface — these products can permanently stain or chemically damage the acrylic coating.

#### 3.3 Court Rules - Damage Prevention

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Post visible court rules at each court entrance. The following rules protect the Pacecourt surface and maintain safety for all users:

<p style="text-align: center; color: #4caf50; margin: 0;"><b>PERMITTED</b></p> <ul style="list-style-type: none"> <li>• Non-marking sports shoes only</li> <li>• Water in sealed bottles</li> <li>• Approved sports equipment for the court's intended use</li> <li>• Soft-soled training shoes for coaching</li> </ul>	<p style="text-align: center; color: #d32f2f; margin: 0;"><b>NOT PERMITTED</b></p> <ul style="list-style-type: none"> <li>• Bicycles, scooters, rollerblades, or skateboards</li> <li>• Food or drinks (other than water) on the playing surface</li> <li>• Chewing gum on the court</li> <li>• Dragging chairs, benches, or heavy equipment across the surface</li> </ul>
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## Section-4 Correct Equipment & Tools

### Correct Equipment & Tools

Using the right tools for cleaning and maintenance is as important as the frequency of maintenance. The wrong equipment can cause as much damage as neglect.

#### 4.1 Approved Cleaning Tools

Tool	Notes
Soft nylon or hair-type broom	Ideal for dry sweeping. Gentle on acrylic surface texture.
Rubber Squeegee	Best tool for removing standing water and birdbaths.
Soft bristled scrubbing brush	Use with mild detergent for stain removal. Never use hard wire bristles.
Leaf blower	Effective for removing dry leaves and debris quickly
Garden hose or mop	Suitable for rinsing the court surface after cleaning.
Surface pressure washer (rotary)	Preferred over hand wand. Keep pressure below 1,500 PSI.
Plastic snow shovel / rubber squeegee	Approved for snow and ice removal in cold climates.

#### 4.2 Tools to Avoid

Tool	Reason to Avoid
Hard-bristle or wire brooms	Abrades and scuffs the acrylic surface texture.
Metal scrapers or spud bars	Will gouge and permanently damage the coating layers.
High-pressure hand wand (>1,500 PSI)	Can strip coating layers; leaves stripe marks.
Industrial floor polishers / buffers	Not designed for acrylic surfaces; will damage the finish.
Acid-based or solvent cleaners	Chemically attack the acrylic binder and void the warranty.
Rock salt or ice-melt chemicals	Cause abrasion and accelerate surface wear.

## Section-5 Inspection, Repair & Resurfacing

### Inspection, Repair & Resurfacing

While day-to-day maintenance can be performed by court owners and maintenance staff, certain inspections and repairs require the involvement of a qualified Pacecourt dealer or authorised contractor.

#### 5.1 Annual Inspection Checklist

Pacecourt recommends scheduling a professional inspection every spring (or at the start of the sports season) to assess the overall condition of the facility. The inspection should be cover:

#	Inspection Item	OK/Issue	Action Needed
1	Overall surface condition and colour uniformity		
2	Surface texture and ball-bounce performance		
3	Presence of new or reopened cracks in the base or surface		
4	Birdbath areas (ponding / low spots)		
5	Areas of premature wear or physical damage		
6	Mold, mildew, or algae growth		
7	Surface delamination, peeling, or bubbling		
8	Drainage system performance and blockages		
9	Perimeter channel and drain inlet condition		
10	Net posts and net condition (tennis/pickleball)		
11	Line marking condition — visibility and adhesion		
12	Fencing and surrounding infrastructure		

#### 5.2 Minor Repairs

Minor surface damage such as small cracks, lifted edges, or surface chips should be addressed promptly to prevent them from expanding.

- Contact your authorised Pacecourt dealer or contractor for minor repairs — do not attempt to fill cracks with non-Pacecourt materials, as this may void the warranty.
- For crack repair, Pacecourt's Deep Patch product is recommended. Apply in accordance with the Deep Patch Product Data Sheet.
- Report persistent or rapidly expanding cracks to Pacecourt immediately — these may indicate sub-base movement or drainage issues requiring structural attention.

## 5.3 Resurfacing Cycle

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The standard resurfacing cycle for Pacecourt synthetic acrylic surfaces is 5 to 8 years, depending on usage intensity, climate, and maintenance discipline. Facilities with very high daily usage (professional training centres, public parks) may require resurfacing closer to the 5-year mark. Well-maintained residential or club courts may extend to 8 years.

### TIP

Resurfacing before the surface shows severe wear is more cost-effective than waiting for the base to be exposed. A good-quality resurfacing job restores court performance and appearance to near-new condition, and restarts the warranty cycle for the new surface.

At the time of resurfacing, Pacecourt recommends also addressing:

- Crack repairs and base levelling (using Deep Patch and Acrylic Resurfacer)
- Fresh Cushion Coat layers for added player comfort
- New Color Coat application with refreshed Line Marking
- Inspection and replacement of net posts, nets, and anchor fittings

## Section-6 Seasonal Maintenance Guide

### Seasonal Maintenance Guide

Different seasons bring different maintenance priorities. Follow this seasonal guide to keep your Pacecourt surface in peak condition year-round.

<p><b>SUMMER</b></p>	<ul style="list-style-type: none"> <li>• Rinse court frequently — dust and pollen accumulate rapidly in dry heat.</li> <li>• Inspect for surface bubbling caused by moisture trapped beneath the base (common in areas with hot sun after monsoon/rain season).</li> <li>• Ensure irrigation sprinklers are angled away from the court surface.</li> <li>• Check colour coat for UV-related fading — note areas that may need attention at next resurfacing.</li> </ul>
<p><b>MONSOON/ RAINY SEASON</b></p>	<ul style="list-style-type: none"> <li>• Remove standing water from birdbath areas after each rainfall using a squeegee.</li> <li>• Monitor drain inlets daily — debris accumulates rapidly in the rainy season.</li> <li>• Apply mold/mildew treatment (bleach solution) to shaded corners after prolonged wet periods.</li> <li>• Avoid heavy play immediately after rain — waterlogged courts can deform under repeated impact.</li> </ul>
<p><b>AUTUMN/ FALL</b></p>	<ul style="list-style-type: none"> <li>• Leaf removal is the top priority — fallen leaves cause staining and foster mold growth.</li> <li>• Increase sweeping/blowing frequency to daily if the court is near trees.</li> <li>• Inspect drainage systems before winter — clear all channels before the cold season.</li> <li>• Schedule annual professional inspection before winter shutdown.</li> </ul>
<p><b>WINTER</b></p>	<ul style="list-style-type: none"> <li>• Remove snow and ice using only approved soft tools (rubber squeegees, plastic shovels).</li> <li>• Do not use rock salt, grit, or chemical ice-melt products on the surface.</li> <li>• Keep the court surface free of debris throughout winter — decomposing organic matter damages the coating in cold, wet conditions.</li> <li>• For courts in regions with severe frost, check for frost heave damage on base slab after the thaw.</li> </ul>

## Section-7 Warranty & Maintenance Compliance

### Warranty & Maintenance Compliance

Pacecourt's 3-Year Limited Warranty on synthetic acrylic sports flooring materials is conditional on the court being maintained in accordance with this Maintenance Manual. Failure to follow these guidelines may void the warranty.

#### 7.1 Warranty Summary

<b>Warranty Period</b>	3 years from date of purchase (Proforma Invoice date)
<b>What Is Covered</b>	Manufacturing defects in Pacecourt materials — delamination, colour failure, binder breakdown
<b>What Is Not Covered</b>	Damage from misuse, wrong mixing, improper installation, base failure, natural disasters, or poor maintenance
<b>Claim Process</b>	Written notice + photos + proof of purchase → site inspection → resolution within 30 business days
<b>Liability Cap</b>	Limited to replacement of defective materials only — no labour or reinstallation costs covered
<b>Transferable</b>	No — original purchaser only

#### 7.2 Maintenance Compliance Checklist

The following maintenance actions must be documented and available to support any warranty claim:

- Monthly cleaning records (date, method, observations)
- Evidence of correct mixing ratios during installation (contractor records)
- Annual inspection reports from authorised Pacecourt dealer or contractor
- Records of any repairs carried out, including products used
- Evidence that only Pacecourt-approved products were used for repairs

#### NOTE

Pacecourt recommends keeping a Court Maintenance Log (physical or digital) at the facility. This log is your primary evidence of warranty compliance in the event of a claim.

## Quick Reference - Maintenance at a glance

### DO's

- Sweep or blow off debris after every use
- Rinse with water weekly
- Deep clean monthly with mild detergent
- Remove standing water immediately
- Use soft nylon / hair brooms only
- Keep leaves and organic debris off the court
- Use rubber pads under all equipment legs
- Schedule an annual professional inspection
- Document all maintenance activities
- Contact Pacecourt for crack repairs

### DONT's

- Use hard-bristle or wire brooms
- Use acid, solvent, or abrasive cleaners
- Allow standing water or birdbaths to remain
- Use rock salt or ice-melt chemicals
- Drag chairs or equipment across the surface
- Let vegetation grow onto the court surface
- Allow sprinklers to spray on the court
- Repair cracks with non-Pacecourt materials
- Drive vehicles on court without protective matting
- Ignore early signs of delamination or mold