

Playpave Barns Maintenance Guide

1. Maintenance Objectives

Proper care ensures:

- Slip resistance in wet conditions
- Hoof and joint comfort
- Hygiene and odor control
- Surface longevity
- Safe drainage
- Reduced bacterial buildup

Barn rubber surfaces are static installations, not loose footing, so the focus is cleaning, sanitation, and inspection rather than grooming.

2. Daily Cleaning Procedures

Objective: Maintain hygiene and traction.

Procedure:

1. Remove manure and bedding immediately.
2. Sweep or hose away loose debris.
3. Rinse high-traffic areas at the end of day.
4. Allow the surface to drain and air dry.

Daily cleaning prevents:

- Ammonia buildup
- Bacterial growth
- Slippery biofilm formation
- Surface staining

3. Weekly Deep Cleaning

Objective: Remove organic film and disinfect.

Procedure:

1. Wash the surface using mild detergent or stable-safe disinfectant.
2. Scrub with soft bristle broom or rotary floor brush.
3. Rinse thoroughly with clean water.
4. Allow full drainage.

Avoid:

- Harsh acids
- Bleach concentrations
- Petroleum solvents
- Abrasive scrubbing tools

These can degrade rubber binders and reduce traction.

4. Pressure Washing Guidelines

Pressure washing is permitted with care:

- Maximum pressure: $\leq 2,500$ PSI
- Use 25° fan tip
- Keep nozzle moving
- Maintain safe distance (12–18 inches)
- Do not concentrate on seams or edges

Overpressure can lift edges or erode surface texture.

5. Drainage Maintenance

Barn environments generate constant water flow.

Weekly checks:

- Clear drains of hair and bedding

- Inspect slopes for pooling
- Confirm proper runoff
- Remove clogged organic material

Standing water increases slip risk and accelerates wear.

6. Inspection Program

Weekly Inspection

Check for:

- Edge lifting
- Cuts or gouges
- Delamination
- Surface thinning
- Loose granules
- Drain blockages

Annual Inspection

Professional evaluation recommended to assess:

- Adhesion integrity
- Surface wear patterns
- Hygiene impact
- Repair needs

Early repair prevents costly resurfacing.

7. Seasonal Considerations

Winter

- Avoid metal shovels
- Use rubber-safe ice melt only

- Remove ice promptly

Summer

- Increase rinse frequency
- Monitor odor buildup
- Prevent urine crystallization

Wet seasons

- Inspect drainage more often
- Watch for algae growth

8. Repairs

Repair immediately if you observe:

- Lifting seams
- Trip edges
- Deep cuts
- Missing sections

Barn traffic worsens small damage quickly.

DIY patching is not recommended — professional repair maintains waterproof integrity.

9. Maintenance Schedule Summary

Task	Frequency
Manure/debris removal	Daily
Rinse surface	Daily
Deep wash/disinfect	Weekly
Drain inspection	Weekly
Visual inspection	Weekly

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Pressure wash (if needed)	Monthly/As needed
Professional evaluation	Annually
Repairs	Immediately

10. Best Practices

- Clean spills immediately
- Maintain airflow to speed drying
- Avoid dragging heavy equipment
- Keep sharp tools off surface
- Use rubber-safe cleaners only

Consistent hygiene = safer footing + longer surface life.