

Pickleball Court Flooring Solutions

TECHNICAL DATA SHEET (TDS) – 2026 EDITION

Serving the pickleball industry since 2018



1. System Structure

- **Surface Coating: Modified acrylic** surface coating (**0.2 mm**)
- **Base Layer:** High-density **PVC base (2.8 mm)** with fiberglass reinforcement for superior stability

2. ITF Classification

- **Standard:** ITF Classified **Court Pace Category 2** (Medium-slow speed)
- **Quality:** Manufactured to meet **international tournament standards**

3. Surface & Play Performance

- **Finish:** Textured acrylic finish with **embedded quartz aggregates**
- **Consistency:** Uniform **micro-textured surface** for consistent play
- **Performance:** Balanced combination of **ball speed, control, and traction**

4. Slip Resistance

- **Designed range: 80–110 BPN**
- **Typical tested value: ~97 BPN** (third-party tested)
- **Safety:** Provides **reliable traction** for multi-directional sports movement

5. Outdoor Durability

- **UV Stability:** UV-stabilized surface for outdoor use
- **Protection: Waterproof** and all-weather performance
- **Resilience:** Suitable for **long-term exposure** to sun, rain, and humidity

6. Temperature Resistance

- **Operational Range:** Designed to perform in environments from **-40°C to +70°C** (-40°F to 158°F)
- **Adaptability:** Suitable for both cold winters and hot summers

7. Service Life & Warranty

- **Anticipated life:** Outdoor: **3–5 years**; Indoor: **8–10 years** (depending on usage intensity)
- **3-year warranty:** Covers **color fading, surface cracking, and particle loss**

8. Installation Options

- **Temporary:** Installation via **double-sided adhesive tape**
- **Permanent:** **Heat welding** for strong seams and long-term durability

9. General Advantages

- **Quality Control:** Factory-controlled surface consistency (superior to on-site coating)
- **Efficiency:** **Fast installation** and ready-to-use system
- **Maintenance:** **Lower maintenance** compared to traditional acrylic courts



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