



## THE ULTIMATE VOLLEYBALL FLOORING BUYER'S GUIDE

### How to Choose the Best Flooring Surface for Performance, Safety, and Longevity

Selecting the right volleyball flooring is about more than surface appearance—it's about performance, safety, and longevity. Whether you're managing a competitive club, a school gym, a college, or a community rec center, your surface directly affects how athletes train and play.

Mateflex's modular sports flooring systems are trusted nationwide for their durability, comfort, and versatility. This guide will walk you through every step of the decision-making process—from understanding player needs to installation and long-term ROI.

### Why Choose Mateflex?

#### Comfort & Safety

Volleyball is a fast-paced sport that requires quick reflexes, slides, and dives. That means player comfort and safety come first.

- **Shock Absorption:** A 3mm rubber underlayment cushions landings and reduces joint strain. Custom thickness or additional layers can create the comfort levels you desire.
- **Dive-Friendly Design:** Rounded tile edges prevent snags, scrapes, or jersey tears, which encourages confident defensive play.
- **Slip Resistance:** Textured tile surfaces balance grip and slip for consistent foot traction across all playing conditions.
- **Temperature & Moisture Resistant:** Can be installed in locations where temperature and humidity conditions don't allow for traditional surfaces.

#### Durability & Maintenance

Volleyball programs run long hours, often hosting tournaments, practices, and camps. Mateflex floors are engineered for nonstop use.

- **Heavy-Duty Construction:** Tiles made from high-impact polypropylene, designed to resist cracking, fading, and wear.
- **Low Maintenance:** No sanding, sealing, or resurfacing required—just a simple sweep and mop.
- **Secure Interlock System:** Easily snaps together and can be taken apart for temporary applications.
- **Longevity:** Many installations are still in use after 15+ years with minimal upkeep.

#### Versatility & Affordability

- **Multi-Sport Performance:** Perfect for volleyball, basketball, and fitness training.
- **Portable & Reusable:** Our portable gym flooring can be removed, stored, or relocated for events or facility upgrades.
- **Budget Friendly:** Lower lifetime cost than hardwood, and rolled goods with easy future replacements.
- **Made in the USA:** Consistent quality, shorter lead times, and support from our Utica, NY sports flooring team.

## Understanding Customer Pain Points

When facilities begin exploring new volleyball flooring systems, they often share similar challenges and frustrations. Matéflex has designed every product and process to address those pain points directly — providing real solutions that make installation, maintenance, and play safer and simpler.

### High Maintenance Costs

Traditional hardwood requires constant upkeep, including sanding, sealing, and refinishing. These processes are costly and time-consuming. Matéflex modular tiles eliminate those burdens with a low-maintenance design that needs no sanding, sealing, or coatings — simply clean and play.

### Player Discomfort

Hard, uneven, or poorly cushioned floors can lead to joint pain and hesitation when diving. Matéflex systems combine a 3 mm rubber underlayment with rounded tile edges to deliver a comfortable, forgiving surface that keeps athletes confident and protected through every match.

### Budget Limitations

Schools, clubs, and municipalities often operate under tight budgets. Matéflex provides an **affordable, U.S.-made solution** that delivers long-term value without sacrificing performance or safety. Our flooring helps facilities invest wisely while maintaining professional-grade quality.

### Limited Facility Space

Many gyms serve multiple programs — from volleyball and basketball to community fitness. Matéflex modular systems are designed for **multi-sport versatility**, allowing the same court to accommodate several activities with interchangeable game lines and color options.

### Downtime During Installation

Every day a facility is closed for renovation represents lost practice time and revenue. Matéflex systems install in **hours rather than weeks**, enabling programs to return to play quickly while maintaining precision and quality.

### Uneven or Damaged Subfloors

Older facilities sometimes face subfloor challenges that make other flooring systems difficult or impossible to install. Matéflex tiles are engineered to **install over most level surfaces without adhesives**, making them ideal for retrofits, upgrades, or temporary courts.

## The Mateflex Solution

Mateflex's **ProGym** tile system is purpose-built for volleyball.

It combines high-impact tiles with design flexibility, providing a safe and professional playing surface for every level—from school gyms to collegiate programs.

### Key Highlights:

- Regulation-ready tile sizes
- 3mm underlayment for player comfort
- Modular design for fast club volleyball installs and future reconfiguration
- Proven performance at the American Volleyball Coaches Association and many collegiate programs

### Indoor Club Volleyball Courts

Our **ProGym** system is the preferred choice for competitive, regulation-level volleyball courts. It provides exceptional traction and consistent ball response, with a **shock-absorbent 3 mm rubber underlayment** for superior player comfort. This combination ensures safe landings, reduced joint strain, and long-term performance ideal for daily practices and tournaments.

### Multi-Purpose Gyms and Schools

If your facility hosts a mix of volleyball, basketball, or fitness activities, **ProGym** is an ideal choice. **ProGym** indoor volleyball court tiles deliver the perfect balance of performance and visual appeal. It's a smart, flexible option for spaces that require both durability and design versatility without the maintenance or refinishing costs.

### Portable Gym Flooring or Event Courts

Event organizers and tournament directors love the **ProGym** portable gym flooring volleyball court setup. A modular flooring system that assembles and disassembles quickly, tool-free, and adhesive-free. It's perfect for conventions, trade shows, or temporary competition venues where fast installation and easy transport are essential. Despite its portability, it maintains the same quality and stability as our permanent systems.

### Design & Customization

- **Tile Colors:** Choose from standard or custom color blends to match your brand.
- **Logos & Markings:** Add custom logos, team names, or contrasting boundary colors.
- **Game Line Options:** Permanent or temporary lines for volleyball, basketball, or other sports.
- **Custom Layouts:** Free digital custom court layout and rendering service included with every quote.

### Step-by-Step Process: From Quote to Game Time

1. **Initial Consultation** – We'll discuss your facility's goals, space, and usage to determine which product is best.
2. **Design & Layout** – Receive a digital court rendering with your logo and colors.
3. **Estimate & Quote** – Transparent pricing including tiles, underlayment, shipping, and install options.
4. **Site Preparation** – Ensure subfloor is clean, level, and ready.
5. **Installation** – Quick and easy, done in a fraction of the time of other courts, and can even be a DIY project.
6. **Game Line Application** – Custom color lines applied for regulation accuracy either at the factory or on-site.
7. **Inspection & Play Testing** – Quick final check to ensure proper fit and function.
8. **Game Time!** – Enjoy a professional-grade court ready for tournaments and training.

### Installation Overview

- No adhesives needed.
- Suitable for concrete, asphalt, or wood subfloors.
- Easy to remove or replace for maintenance.
- Ideal for temporary flooring installations.

## Installation Steps

1. **Prepare the subfloor** – ensure it is clean and level.
2. **Lay underlayment** – use a 3 mm rubber roll for shock absorption and sound dampening.
3. **Install tiles** – use the snap-together court flooring lock connection; no adhesive necessary.
4. **Mark game lines** – apply regulation markings with paint or tape.

## Maintenance & Care

- Dust mop regularly.
- Clean with neutral-pH cleaner and microfiber mop.
- Store in a climate-controlled area if tiles are removed seasonally.

## Cost & ROI Considerations

- Lower lifetime cost than hardwood (no sanding/refinishing).
- Modular portability protects your investment—move it with you.
- Made in the USA: consistent quality and shorter lead times.

Matéflex courts deliver **significant savings over time**—and with portability, you retain full control of your asset if your facility moves or expands.

## Trusted By: Real-World Examples

### American Volleyball Coaches Association (AVCA) Convention

Since 2000, Matéflex has built professional demo courts annually, offering coaches and athletes a top-notch playing experience at the AVCA Convention. For 25 years, these ProGym-featured courts have performed flawlessly under constant use and are later sold at discounted prices as demo units to clubs and schools nationwide.

### Collegiate Volleyball Programs Nationwide

College athletic departments trust Matéflex to provide durable, low-maintenance modular flooring systems that meet official standards. Facilities appreciate the consistent ball response, player comfort, and long-term savings over hardwood.

### Municipal and School District Facilities

Across the U.S., parks departments and K–12 schools have upgraded aging gym floors to Matéflex volleyball surfaces for improved safety, ease of care, and multi-sport functionality. These projects highlight how Matéflex flooring delivers professional performance and community value within budget-friendly parameters.

## Addressing Common Concerns

When exploring modular volleyball flooring, customers often have a few understandable concerns. Here's how Matéflex addresses each one, backed by proven performance and real-world experience.

- **Concern:** “Modular tiles seem too bouncy for serious play.”  
**Response:** The ProGym surface meets shock-absorption and vertical deformation standards comparable to those of wood flooring.

- **Concern:** “We’re worried about installation complexity.”  
**Response:** Courts snap together easily, allowing many clients to install the flooring themselves using their own maintenance teams.
- **Concern:** “What if we outgrow the space?”  
**Response:** Simply uninstall, relocate, or expand your existing court with matching tiles.

### **Ready to bring pro-level performance to your court?**

Download our **Volleyball Flooring Buyer’s Checklist** here to begin evaluating your facility’s needs and find the best flooring for your school, sports facility, or club volleyball courts.

Download our **Volleyball Flooring Buyer’s Guide Appendices & Resources** here to get insight on official standards, product information videos, club volleyball install steps, warranty information, equipment recommendations, resources for growing the sport, industry standards, etc. to compare your options. See why Mateflex Sports Flooring is the #1 choice for volleyball facilities worldwide.

Need to take this **Ultimate Volleyball Flooring Buyer’s Guide** with you? Download the full PDF version here.

**Call us today** at 800-926-3539 or email us at [info@mateflex.com](mailto:info@mateflex.com) to request your free design consultation. We look forward to working with you!