Indoor Sports Flooring

Types of indoor sport floors
Typical applications
Evaluating and recommending systems
Joe Corbett

Background:
• 20 years Gym Equipment sales (Porter Athletic Equipment)
• 12 years Sport Floor sales (Gerflor Taraflex)

Currently: National Sport Market Specialist at Gerflor USA
• Sales training with territory sales people
• Taraflex Volleyball and Portable Court Sales
SPORT FLOORS ARE NOT ONE SIZE FITS ALL
Owner wants:
• Safety
• Athletic performance
• Multi-Sport capabilities
• Multi-Purpose capabilities
• Easy maintenance
• Low cost
• Good aesthetics

Owner does NOT want:
• Injuries
• Surface failures
• Ugly floor
• High cost of ownership
• Unanticipated repairs
Two Primary Attributes that provide Athletic Safety

1. Shock Absorption
   • How much is enough?

2. Surface Friction
   • Need good “grip”...but not too much
Owner’s and Salesperson’s perspective

• Best way to make the sale is to provide the customer what he wants
  Promote and install multiple types of sport floors

• How do you know what the owner wants?
  • Ask him
  • Don’t show him your entire product line
5 Questions to the owner to learn JUST 1 sport floor that fits his needs

1) Job site conditions?
2) Usage?
   1) Sport usage?
   2) NON-Sport usage?
3) Budget?
4) Tight specification?
5) What’s the 1 feature that’s an absolute must have?
3 Categories of Indoor Sport Floors

- **AREA ELASTIC FLOORS**
- **POINT ELASTIC FLOORS**
- **COMBINED (Mixed) ELASTIC FLOORS**

- **Wood Sport Floors**
- **Synthetic Sport Floors:** Area and Point Elastic together
1) Area Elastic Sport Floor

Wood Sport Floors
1) Area Elastic Sport Floor
1) Area Elastic Sport Floor

Two-Stage Polyurethane NeoShok Pads
Step 1. Responsive to Light Loads
Step 2. Responsive to Aggressive Loads

RESILIENCE
1) Area Elastic

### Advantages
- Traditional gym court
- Extensive history
- Many substructure options
- Long product life
- Resist indentations

### Disadvantages
- Requires costly annual recoating
- Various substructure designs can be confusing
- Not ideal for Multi-purpose use - Easy to damage
- Doesn’t tolerate humidity and temperature changes
- Not ideal for small/light athletes (children)

### Primary users
- Main competition gym
- Basketball gym
2) Point Elastic Sport Floor

Synthetic Sport Floors:
2) Point Elastic

Cushion-backed Vinyl

Pad & Pour Systems

Rubber
2) Point Elastic

- Cushion-backed Vinyl
- Pad & Pour Systems
- Rubber; rolled sheet or tile
## 2) Point Elastic

### Advantages

- Comfort
- Ideal for large & small athletes
- Multi-purpose use
- Tolerates moisture better
- Easy to maintain
- No slab depression

### Disadvantages

- "It’s just not wood"
- Various materials and designs can be confusing
- Less indentation resistance

### Primary users

- Multi-purpose gyms
- Alternative to wood
3) Combined Elastic Sports Floor

A) Point Elastic sport floor over a wood base

A) Semi-Flexible sport floor over a Point Elastic base
3) Combined Elastic Sports Floor

A) Portable Point-Elastic over wood basketball court

B) Modular tile over rubber base mat
3a) Combined Elastic Sports Floor

A) Point Elastic sport floor over a wood base
3a) Combined Elastic

**Advantages**

- Combined performance and safety advantages
- Tailored to meet your exact needs

**Disadvantages**

- High cost – 2 floors
- Tricky installation
- Similar concerns as with standard wood subfloor

**Primary users**

- NCAA Volleyball
- Fieldhouse

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3b) Combined Elastic Sports Floor

B) Semi-Flexible sport floor over a Point Elastic base

- Modular tile
- Rubber base
- Concrete
1b) Combined Elastic

Advantages

- Converts space to gym easily and quickly
- Design flexibility
- Low cost and easy install

Disadvantages

- It’s not wood
- Floating floor issues

Primary users

- Multipurpose Gym
- Portable Courts
Thank you. Any Questions