Sports Floors - Different Types of Elasticity

**Point Elastic**

**Protective function**
Impact on the floor directly around the impact zone like a shock absorber, reducing the risk of injury / stress on joints (flexible, resilient) comfortable

**Suitability**
groups: everyone, especially for children / young people
sports: ball games, gymnastics, fighting sports
multipurpose use possible

**Mixed Elastic**

**Protective function**
Impact on the floor similar to point elastic, the flooring offset is wider around the direct impact zone. The softer sublayer combined with the hard PUR coating provides a better stability and foothold to athletes (compared to point elastic systems) and reduces the risk of injuries

**Suitability**
groups: adults, adolescents and children
sports: ball games, gymnastics
multipurpose use possible
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Area Elastic

Protective function
Impact on the floor spreading widest of all systems provides a high stability and foothold to athletes – reducing the risk of injuries – the most common area elastic system is the wooden sports floor - higher force reduction compared to point-elastic sports floors

Suitability
- groups: adults
- sports: ball games, roller hockey, dancing, aerobics, wheelchair sports
- multipurpose use possible

Combined Elastic

Protective function
An area elastic base combined with a point elastic layer, combining the advantages: enhanced safety (foothold / stability) of the area elastic system with the comfort of the point elastic system

Suitability
- groups: appropriate for most users
- sports: ball games, aerobics, gymnastics
- multipurpose use possible