

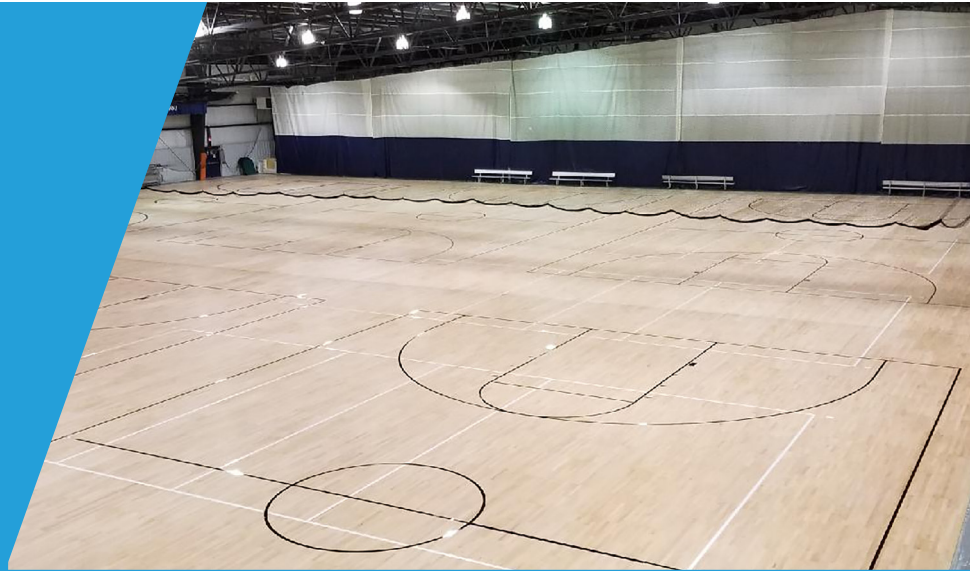
# FUZION

## ATHLETIC SURFACES

FitWood is a solid hardwood designed specifically for fitness and athletic use. The 7/8" hardwood is 18% thicker than most other hardwood surfaces and will ensure a durable and great looking surface for the life of the facility.

### THE HARDWOOD DIFFERENCE

1. Solid, prefinished 7/8" hardwood surface that can last for more than 20 years.
2. Free floating and not held down to your sub-floor so you can take it with you if you move.
3. Easy to maintain with a vacuum and an occasional damp mopping.



### FEATURES AND BENEFITS



Ideal for basketball and volleyball courts, gym floors, multi-purpose facilities, group fitness and yoga and dance studios.



All wood is kiln dried, European Beech.



Can be sanded and refinished a multitude of times after installation.



Options include a fixed system - as well as a portable option - to accommodate any facility.



All wood is prefinished for quicker install times.



Extremely low maintenance flooring system.



DIN and EN tested.



3-year warranty.



FLOOR TEST	DIN STANDARD	MEETS/ EXCEEDS	EXPLANATION
Shock Absorption	Minimum 53%	X	Insufficient shock absorption causes activity related injuries to ankle and knee joints. Correct shock absorption reduces fatigue and significantly lowers the risk of injury.
Resilience	Minimum 2.3mm	X	Inadequate energy return in a floor causes sore ankles and a surface too “hard” for safe, strenuous activity. Excessive energy return creates a trampoline effect and potential for injury.
Surface Friction	Minimum 0.5 Minimum 0.7	X	Rotating and pivoting motions create strain on joints without the proper friction coefficients to minimize stress. On a friction scale of .1 (ice) to .9 (fly paper), .5-.7 is the DIN Standard. At .5, FitWood is perfect, even providing for the demands of platform and other high impact routines.
Impact Isolation	W500 Maximum 15%	X	Without proper impact isolation, participants’ movements can interfere with each other, creating the possibility of injury. The standard allows for 15% deflection, 20” from the point of impact. FitWood exceeds that by providing over 86% isolation at 20”.
Surface Stability	Minimum 1500N	X	Proper foot stability is essential to reducing foot roll-over and other injuries to participants. This is a fundamental advantage of the FitWood floor system compared to carpeted or vinyl aerobic surfaces.

Certification Test Results for DIN Standard 18032 Part II | Test results as reported by Otto Graff Institute, Stuttgart, Germany