



FLOORING SURFACES

HARDWOOD FLOOR SYSTEM

For Architects,
Specifiers and
General Contractors

Special Features

- Custom made
- Pre-finished hardwood surface
- Three or four-tier pre-fabricated floating subfloor for specific activities
- Exceeds DIN 18032 pt2 and EN standards
- Great sound for percussive dance
- Life expectancy: 20 years
- Guarantee: 5 years against wear



"Eco-friendly" products meet one or more of the following criteria: recyclable, reusable, made from recycled post consumer materials, made from renewable sources, made from managed forests, packaged in recyclable containers, made from recoverable waste materials or have no VOC's.

Custom-made portable and permanent finished hardwood flooring system with pre-fabricated subfloor for easy installation. Exceeding DIN 18032 pt2 and EN standards. Can be used for all sports and athletic activities plus is ideal for ballet, tap, jazz, modern and multi-purpose.

ACTIVITY

Ball sports and all impact & movement activities, including basketball, volleyball, aerobics, ballet, ballroom, tap dancing, gymnastics, etc. There are different systems to cover every way you move.

INSTALLATION

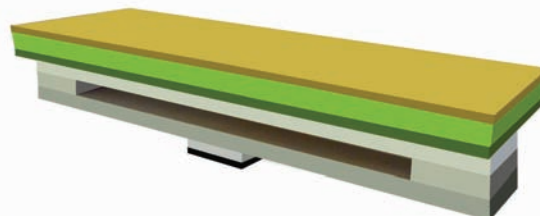
Should be professionally installed. Contact Stagestep/Aeson for details.

MAINTENANCE

Dry mop daily. Wet mop with detergent/degreaser weekly. Lifetime guarantee when installed by certified Stagestep/Aeson Installer and maintained with Stagestep/Aeson products. Stagestep/Aeson maintenance program must be followed to maintain warranty.

BASKETBALL

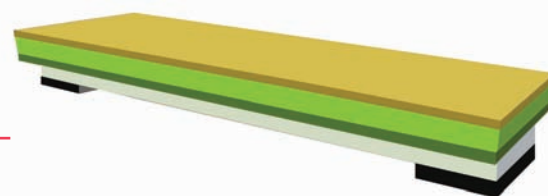
Professional grade basketball flooring that exceeds the highest DIN, EN and FIBA standards for quality and performance.



- 6mm Hardwood Layer
- 12mm Plywood Layer
- 6mm Cross Laminated Birch Ply Layer
- 18mm Cross Laminated Birch Ply Spring Layer
- 12mm Cross Laminated Birch Ply Spring Layer
- 5mm Elastic Rubber Shock Pads

AEROBICS, DANCE AND MULTI-PURPOSE

The perfect flooring for aerobics, dance and multi-purpose activities.



- 6mm Hardwood Layer
- 12mm Plywood Layer
- 6mm Cross Laminated Birch Ply Layer
- 18mm Cross Laminated Birch Ply Spring Layer
- 5mm Elastic Rubber Shock Pads

See reverse side for flooring specifications and MSDS Ratings.

STAGESTEP

Flooring Systems for Dance, Theatre and the Performing Arts.

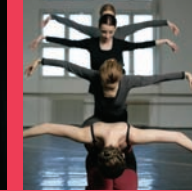
aeson

FLOORING SYSTEMS

Leading The Way In Health & Fitness Flooring

800-523-0960 (Toll free in U.S. & Canada)
215-636-9000

www.stagestep.com • www.aesonflooring.com



FLOORING SURFACES

HARDWOOD FLOOR SYSTEM

TYPE

Pre-finished hardwood surface with three or four-tier pre-fabricated subfloor. Top wear surface can be hardwood or vinyl.

COLORS

Available in Maple, Oak, Ash, Beech and other hardwoods

THICKNESS

Top Surface: .71" - .98" (18-25 mm)
Subfloor: Up to 2.1" (53.5 mm)
Total System Thickness: Up to 3.05" (77.5 mm)

WIDTH & LENGTH

Width 3 Planks: 5.9" (150 mm)
(surface) - designed to fit subfloor
Length: Variable (surface) -
designed to fit subfloor

QUALITY STANDARDS

Hardwood Floor Systems are manufactured to exceed the requirements set forth by DIN-V 18032.2. Deformation and ball rebound was measured in 6 locations and co-efficient of friction in 4 locations. All tests conducted by Danish Technological Institute, Arhus, Denmark 12/8/2003.

FIRE RATINGS

Test Method / Parameter / Number of Tests / Average Values / Requirement Fulfilled

DIN EN ISO 11925

15 s time of exposure / Flame spread <= 150 mm / 6 / - / Yes

DIN EN ISO 9239-1 / Critical Heat Flux (KW/m2) / 3 / 3.3

DIN EN ISO 9239-1 / Smoke (% x min) / 3 / 26.0

The classification was done in accordance with the chapters 11 and 12.2 of the standard DIN EN 13501-1: 2002.

The floor covering is classified concerning the reaction to fire performance as:

Fire behavior: Dfl

Smoke development: s1

TEST RESULT (Temperature requirement approximately 20 degrees C)

Sports Floors (max)

Shock Absorption KA%: 62

Standard Deformation S+V mm: 4.0

Ball Rebound BR%: 97

Friction GV: .48

Rolling Load Without Damage:
1500 N

Dance Floors / Gymnastics

Shock Absorption KA%: 71%

Standard Deformation S+V mm: 4.9%

Ball Rebound BR%: 89%

Friction GV: .44

Rolling Load Without Damage:
1500 N

NOTES

For information regarding handling and installation, adhesives, maintenance, applications and chemical resistance, consult Stagestep/Aeson.

Information on this specification sheet supercedes all materials published prior to August 2009.

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