

# TEST-DRIVE YOUR FLOOR

The Performance Gallery, located in the Basketball Hall of Fame, features wood, synthetic and performance floors unique to the flooring industry. With over forty different floor systems on display for you to try out, selecting the perfect floor for your facility has never been easier. Just grab a ball and experience the Aacer Difference!



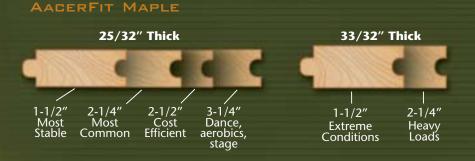
# AACER IS Environmentally Responsible

All Aacer maple and subfloors are available in FSC materials. The Forest Stewardship Council (FSC) generates the rules and regulations for wood products certified by Smartwood Wood products certified by Smartwood are recognized as coming from "well-managed" forests adhering to environmental standards in accordance with the criteria of the FSC.



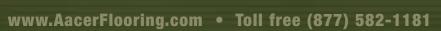
2





# AACER SYNTHETIC FLOORING

Aacer also offers a full line of synthetic flooring to meet your facility demands. The perfect solution for weight rooms, running tracks, basketball courts, aerobics floors or any multipurpose facility.



# AACER PERFORMANCE PADS







- 3/4″
- Good general purpose pad
- Greater shock-absorption for high-impact activities

#### BiPower<sup>®</sup> US Patent No. US D477,171 S

- 19mm premium performance pads
- Made of TPR rubber
- 4-point contact
- Immediate and intermittent contact creates greater load handling
- Special O-ring design ensures uniform response
- **CP** (red) Competition basketball **MT** (orange) - Multipurpose and volleyball **AE** (blue) - Aerobic and dance

#### **P**<sup>3</sup> (Pinnacle Performance Pad)

- 19mm
- Unique 7-tier design
- Enhanced performance
- Extremely uniform response

# LOW-PROFILE OPTIONS FOR RETROFITS

### AacerCush

- 3"x2"x3/8"
- Traditional sleeper/panel pad
- Good general purpose

# BiPower® LP

• Low-Profile for retrofits (12mm)

# EcoDin

- 2″x2″x7/16″
- Made of recycled rubber
- Performance with a lower profile

(Foam blankets are also available in 1/4", 1/2" and 3/4")

#### PATENTED "POWERVENT" AIRFLOW SYSTEM US PATENT NO. 5,526,621

Aacer's patented PowerVent AirFlow System design, which includes an exclusive under floor humidistat, detects moisture before it is noticeable by facility personnel.



- Allows air flow to all layers of the system
- Adds stability, maintains uniform performance and helps eliminate dead spots
- Ideal for areas with extreme moisture conditions

# New **EN 14904**

# STANDARDS

DIN 18032 standards are being replaced in Jan 2008 by EN 14904 standards issued by the European Union. These new standards take into account advances in technology and sports flooring design not addressed by DIN 18032-2.

EN tests set new standards for uniformity, ball rebound and real world usability. Aacer Flooring has a full line of EN 14904 Certified performance systems.

# AACER'S Commitment to Performance Testing

Aacer is committed to providing innovative systems to meet the continually changing needs of sports flooring users. Aacer tests at facilities around the world for EN and DIN standards as well as to the North American ASTM standard for indoor sports flooring.











# A premiere shock-absorbent, variable-profile floor system

Precision-milled AacerFit maple Tight tolerance between panels eliminates system voids

# MATERIALS

WALL BASE DETAIL

A variable profile cushioned floor system consisting of a vapor barrier, factory assembled underlayment panels, steel anchor pins and Aacer maple flooring.

Full-thickness APAengineered underlayment to maximize system performance

Aacer Flooring is a **FIBA Associate** Manufacturer for AacerChannel

> TWP VENTED HUBBEN BASE 1 1/2" MIN. EXPANSION SPACE

SOLID BLOCKING AT DOORWAYS

SIF AACER PERFORMANCE FAD

25/52" + 2 11F AACER MAPLE (MFMA)

12" STOP BLOCKING FOR

2.52

ROLLING LOAD PROTECTION

1 50 50

PRE-ENGINEERED AAGER CHANNEL PWNEL

VAPOR BARRIER

ANCHOR CHANNEL CONCRETE FAILTENER

RECEIVER CHAMAES

1 2MM LOW-PROFILE SYSTEM AVAILABLE

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Anchored channel keeps the pad engaged to ensure uniform performance and eliminate dead spots form a monolithic

16-gauge steel channel fully anchored to substrate

# FEATURES & BENEFITS

subfloor

- System designed for easy installation
- Monolithic subfloor with full flex
- Anchor ensures system stability
- Reduces injuries
- Ideal for field houses, combination synthetic and wood facilities, gymnasiums and multipurpose rooms
- Pre-engineered panels ensure uniform performance
- Laboratory tested shock absorption, deformation control and ball rebound
- University Wisconsin Oshkosh, Oshkosh, WI
- Harvard University, Cambridge, MA
- University of Louisville, Louisville, KY
- N.D.S.U. Wellness Center, Fargo, ND
- Embry Riddle University, Daytona Beach, FL
- Balboa Middle School, Ventura, CA



Aacer Floors are installed by Aacer Certified and MFMA Accredited Installers.

REPRESENTATIVE INSTALLATIONS

# PowerPlay, Series

# PowerPlay II, PowerPlay DIN 2.0 The most adaptable floor system for today's variable facility needs



# 09 64 66/AAC BuyLine 1812

Precision-milled AacerFit maple

PowerPlay DIN 2.0 shown

# MATERIALS

A medium profile cushioned floor system consisting of vapor barrier, pre-engineered cantilevered subfloor panel, steel anchors and Aacer maple flooring.

> Aacer Flooring is a **FIBA Associate Manufacturer** for PowerPlay

Pre-engineered panel to maximize performance and system integrity. <u>Simple and easy panel installation</u>. Fully anchored to substrate

Cantilevered plywood panels make for increased flex



### FEATURES & BENEFITS

- Multi-profile designs to meet your needs
- Increased shock absorbency/energy return
- Time-saving installation design
- Reduces injuries
- Able to withstand a wide range of changes in environmental conditions
- Ideal for field houses, gymnasiums, dance floors, stages or multipurpose rooms
- Pre-engineered panels ensure uniform performance
- Increased sound attenuation (PowerPlay DIN)
- 2008 Olympic Badminton Facility, Beijing, China
- Manalapan Middle School, Manalapan, NJ
- Park Rose High School, Portland, OR
- St. Martins Episcopal, Metarie, LA
- Texas A&M University, Laredo, TX
- Midwestern University, Downers Grove, IL
- Tower Dance Facility, Fresno, CA



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5



# Scissorloc Provides maximum air movement

# ScissorLoc I, II, III, DC, LP



Precision-milled AacerFit maple

# MATERIALS

A performance sports floor system consisting of foam underlayment, 2 layers of 1 x 6 subfloor and Aacer maple flooring.

within the floor system

1/4" resilient closed cell underlayment (1/2" optional)

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6-mil polyethylene vapor barrier

09 64 66/AAC

BuyLine 1812

# ALL BASE DETAIL

14" RESILIENT FOAM

FOAM OPTIONS 1/4", 1/2" OR <u>3/4"</u>

SCISSORLOC DC DIN-CERTIFIED SYSTEM AVAILABLE

# **Aacer Flooring**

www.AacerFlooring.com Toll-free (877) 582-1181

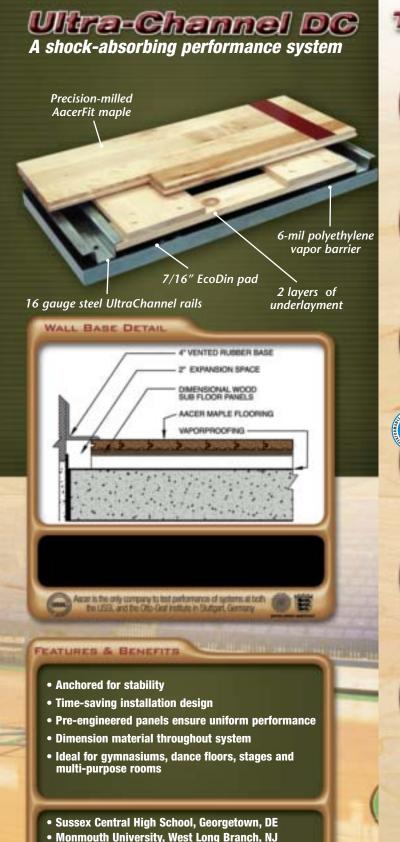
### EATURES & BENEFITS

Criss-cross 1x6 subfloor provides maximum air movement throughout the floor system

- Can be customized for sport-specific performance and resilience
- Cost effective
- Mechanical airflow capabilities
- Criss-cross airflow maximizes dimensional stability
- Dimension material throughout system
- DIN-certified system available
- St. Marys of Assumption, Glenshaw, PA
- Santa Clara High School, Oxnard, CA
- Ripon High School, Ripon, WI
- Thunderbird Academy, Scottsdale, AZ
- Greenville High School, Greenville, SC
- Twin Lakes Elementary, Elk River, MN
- University of New Mexico, "The Pit" Rudy
  Davalos Basketball Center



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- Widener University, Chester PA
- Howard University, Washington, DC
- Patterson Middle School, Bel Air, MD



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REPRESENTATIVE INSTALLATIONS

# Traditional Systems

AacerCush I

A widely utilized athletic floor

with greater stability

Medium shock absorption.

AacerCush II

A widely used, traditional floating floor system

Known for its increased structural integrity, AacerCush II is a widely

accepted athletic floor system. Medium shock absorption.

because of its resilience, low cost and ease of installation. Medium shock absorption.

A traditional floating floor system

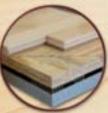
AacerCush I Plus A traditional floating floor system

A shock absorbent variable profile system

that combines sleepers with a plywood layer for greater dimensional strength.

# 9







# SuperAire II DC

A system with fast ball response, longevity and integrated expansion provisions. Suitable for remodels or retrofits. Higher shock absorption.



#### performance system A widely used system with

Aacer Flex A shock-absorbing

A widely used system with options for various application. Higher shock absorption.

# Aacer Fixed Sleeper

#### A dimensionally stable floor system

A traditional basketball floor, where maximum performance and structural integrity are essential. Low/medium shock absorption.

For downloadable specifications and drawings, visit our website at www.AacerFlooring.com

It is the policy of Aacer Flooring to continuously improve our line of products, therefore, we reserve the right to change, modify or discontinue systems, specifications and accessories of all products at any time without notice or obligation to any purchasers.





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8