



 AACER<sup>™</sup>  
SPORTS FLOORING







The mark of  
responsible forestry



## GREEN BUILDING / LEED CERTIFICATION

Aacer has over four generations of experience managing and logging the native forests. We practice responsible forest management and support green-minded suppliers.

# AACER SPORTS FLOORING



## SNAPSHOT

- Maple Flooring Manufacturers Association (MFMA) Certified Mill
- Family-owned
- Worldwide distribution
- 330,000 square foot manufacturing facility
  - Environmentally controlled
  - 35 million board feet annually
  - Green manufacturing process
  - Fully-integrated: kiln-drying, milling, grading, finishing
- Multitude of sports systems available
- Sophisticated manufacturing technology

Aacer Sports Flooring is a leading manufacturer of high performance hardwood flooring and sub-floor systems for the sports and recreational industry. Around the world, athletes of all ages and levels practice and play on Aacer's flooring.

Wood is kiln-dried, milled and graded to a high standard in Aacer's 330,000 sq. ft. facility in Peshtigo, WI. Aacer prides themselves on delivering product that is consistent and of superior quality ultimately allowing for easy installation. Aacer's sport floors continue to receive high marks for vibration reduction, shock absorption, flooring resiliency, moisture resistance and dead-spot elimination. In addition to hardwood, Aacer also supplies synthetic flooring in a variety of textures, colors and gauges to fit your project needs and budget.

Let our knowledgeable sales representative network recommend and install the perfect sports flooring system to meet your needs.



# SELECTING YOUR AACER SPORTS FLOOR

Sports flooring is not a "one size fits all". For this reason, Aacer offers 25+ sub-floor systems. Systems are engineered to fit different activities, level of play, safety, performance, rules and regulations and budget.

The Aacer Sports team works with architects, school administrators, athletic directors and coaches to learn about the individual needs of the project. After discussing the project, the Aacer team will recommend the appropriate floor system for your facility.

## CRITERIA TO CONSIDER PRIOR TO SELECTING YOUR FLOOR

**Types of Sports.** Identify what sports will be played, at what level and to what extent. This data will help determine the appropriate level of resiliency, friction and shock absorption needed.

**Load Bearing and Wear Requirements.** Determine the weight load of users and equipment that the floor will need to bear.

**Non-Sporting Use.** If the facility will be used for social or commercial activities, select a surface that will not be compromised during these events.

**Environmental Conditions.** Floor systems can be susceptible to temperature and relative humidity changes. It is important to identify any possible environmental variations that occur.

**Internal Visual Environment.** With the ability to personalize sport floors, they are becoming the focal points of facilities. Color, graphics, reflective properties and other characteristics significantly impact the internal environment.

**Performance.** Sport floors are tested to many different performance standards. Understanding these tests will help determine the appropriate floor for your facility.



# AACER HARDWOOD SPORTS FLOORING

Aacer Sports Flooring, a Maple Flooring Manufacturers Association (MFMA) Member Mill, is a premier manufacturer of hardwood maple flooring. Our talent, technology and raw materials combine to produce consistent, precision milled, quality flooring. The advantages of Aacer Sports Flooring are:

**Physical Characteristics** – Our lumber comes from trees grown north of the 35th parallel where the growing season is shorter and the weather colder. This climate is ideal for producing extremely durable and dense wood. The wood also has a tighter grain, harder fiber, and greater resistancy to slivering and splintering.

**Resiliency and Performance** – Wood, by nature, has natural shock-absorbing qualities. When Aacer hardwood flooring is combined with Aacer's specially designed and engineered subfloor systems, the result is a high-performance and safe floor for athletes of all ages and abilities.

**Environmentally Responsible** – Northern Hard Maple is a natural resource that is renewable, recyclable, biodegradable, reusable and available as FSC® certified.





## AACER HARDWOOD MAPLE GRADES

All of Aacer's hardwood flooring is graded according to industry standards set by Maple Flooring Manufacturers Association (MFMA). By complying with the grading rules, Aacer ensures consistency and uniformity within each grade.



————— 1<sup>st</sup> GRADE ————— | ————— 2<sup>nd</sup> & BETTER GRADE ————— | ————— 3<sup>rd</sup> GRADE —————

## AACER PERFORMANCE PADS

The performance pad is an integral part of the sports floor system. Having the right combination of performance pad and sub-floor system is vital in creating a winning floor.



TRIPower™ BLACK  
1/2" 55 DUR



TRIPower™ RED  
3/4" 70 DUR



TRIPower™ BLACK  
3/4" 60 DUR



TRIPower™ BLUE  
3/4" 50 DUR



ECODIN  
7/16"



AACERCUSH  
3/8"



AACERFLEX  
3/4"



PERFORMANCE FOAM  
1/4" 1/2" 3/4"

# FIXED RESILIENT SYSTEMS

Fixed Resilient Systems feature the environmental stability of anchored sub-floors and the resiliency of floating floors.

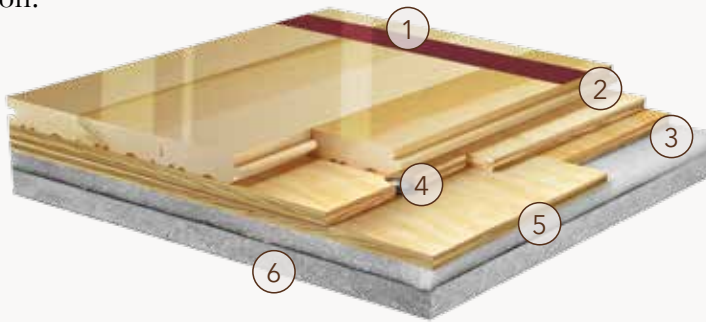






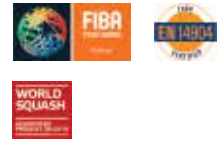
## AacerChannel™ VLP

AacerChannel™ VLP is a fixed resilient sports performance floor system that features a monolithic subfloor with full flex and a full thickness APA engineered underlayment to maximize system performance. The result is a floor with increased stability, shock absorbency, energy return and low vibration.



1. Precision-milled Aacer Maple
2. Integrated Panels form a Monolithic Subfloor
3. Performance Foam
4. Collared Steel Drive Pin
5. 6mil Polyethylene Vapor Barrier
6. Concrete

### Certification



### Anchorage

Drill and Pin

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

Performance Foam  
\*Other pad options are available

## AacerChannel™ VLP HC

AacerChannel™ VLP HC provides the resiliency and safety of a floating floor and the stability of an anchored system. The floor's 100% factory assembled panels utilizing sectional Aacer Hat Channel ensures uniform performance and fast installation. Ideal for facility retrofits and facilities requiring lower profiles.



1. Precision-milled Aacer Maple
2. Integrated Panels form a Monolithic Subfloor
3. Collared Steel Drive Pin
4. 6mil Polyethylene Vapor Barrier
5. Performance Foam
6. Concrete

### Certification



### Anchorage

Drill and Pin

### Green/LEED








- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

Continuous Foam Strips, 1/2" (12mm) TriPower™ Pads  
\*Other pad options are available



## Anchored PowerSleeper DIN








Certification	  
Anchorage	Drill and Pin
Green/LEED	  <ul style="list-style-type: none"> <li>• FSC® Certified Maple - MRc7</li> <li>• FSC® Certified Subfloor Components - MRc7</li> <li>• EQ - 4.2</li> <li>• Regional Materials - MRc5.1 &amp; 5.2</li> </ul>
Resilience	1/2" TriPower™, 3/4" TriPower™, AacerFlex, EcoDIN

This system fully engages the resilient pad ensuring uniform performance and increased structural stability. This system combines pre-engineered sleepers with a plywood underlayment for greater dimensional strength and stability.



1. Precision-milled Aacer Maple
2. 15/32" (12mm) NOM. Exposure 1, APA Rated Sheathing
3. Pre-engineered Plywood Sleeper
4. EcoDIN Pad
5. Non-squeak Anchor & Washer

## Anchored PowerSleeper SE

Certification	    
Anchorage	Drill and Pin
Green/LEED	  <ul style="list-style-type: none"> <li>• FSC® Certified Maple - MRc7</li> <li>• FSC® Certified Subfloor Components - MRc7</li> <li>• EQ - 4.2</li> <li>• Regional Materials - MRc5.1 &amp; 5.2</li> </ul>
Resilience	TriPower™ Pads <i>*Other pad options are available</i>

This system fully engages the resilient pad inside a steel channel ensuring uniform performance and increased structural stability. It is suitable for new and retrofit sports floor applications and commercial projects. It can easily be shimmed.



1. Precision-milled Aacer Maple
2. 15/32" (12mm) NOM. Exposure 1, APA Rated Sheathing
3. Pre-engineered Steel Encased (SE) Plywood Sleeper
4. Resilient Pad
5. 6mil Polyethylene Vapor Barrier
6. Steel Concrete Anchor

## AacerChannel™

A performance sports floor system with the resiliency and safety of a floating floor and the stability of an anchored system. This unique combination is ideal for large field houses and facilities that incorporate both wood and synthetic flooring.



- |   |  |
|---|--|
| 1. Precision-milled Aacer Maple                 | 4. 16-gauge Steel Anchored to Concrete |
| 2. Integrated Panels form a Monolithic Subfloor | 5. 6mil Polyethylene Vapor Barrier     |
| 3. TriPower™ Pad                                | 6. Concrete                            |

### Certification



### Anchorage

Drill and Pin

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

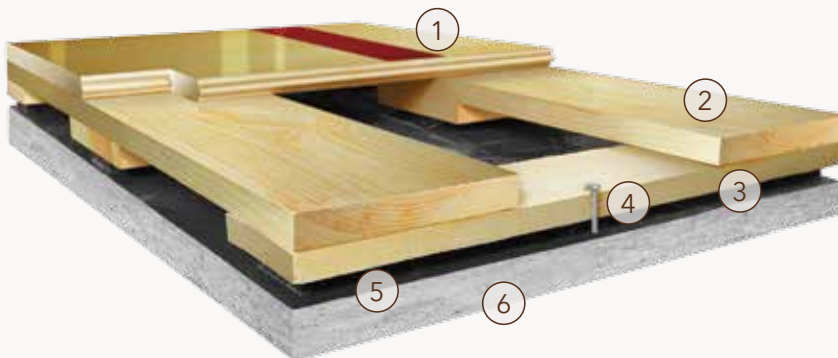
### Resilience

TriPower™ Pads

*\*Other pad options are available*

## UltraFlex™ DC

UltraFlex™ uses dimensional wood sub-floors which absorb shock and reduces leg fatigue. The sub-floor design also allows for excellent under floor airflow.



- |                                 |                                    |
|---------------------------------|------------------------------------|
| 1. Precision-milled Aacer Maple | 4. Heavy-duty Concrete Anchor      |
| 2. Dimensional Pine Panels      | 5. 6mil Polyethylene Vapor Barrier |
| 3. Resilient Pad                | 6. Concrete                        |

### Certification



### Anchorage

Drill and Pin / Z-Clip Retainer

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2



### Resilience

TriPower™ Pads

*\*Other pad options are available*



## PowerPlay™ TP



Certification	
Anchorage	Drill and Pin
Green/LEED	 <ul style="list-style-type: none"> <li>• FSC® Certified Maple - MRc7</li> <li>• FSC® Certified Subfloor Components - MRc7</li> <li>• EQ - 4.2</li> <li>• Regional Materials - MRc5.1 &amp; 5.2</li> </ul>
Resilience	TriPower™, AacerFlex, AacerCush, EcoDIN <i>*Other pad options are available</i>

PowerPlay™ TP is an anchored performance sports floor that features pre-engineered cushioned panels giving it high marks in shock absorption and resiliency. Specify PowerPlay TP in an EN version when maximum performance is essential.



1. Precision-milled Aacer Maple
2. Fully Anchored to Substrate by Heavy-duty Concrete Fastener
3. PowerPlay Plywood Panels
4. TriPower™ Pad

## PowerPlay™ VLP

Certification	
Anchorage	Drill and Pin
Green/LEED	 <ul style="list-style-type: none"> <li>• FSC® Certified Maple - MRc7</li> <li>• FSC® Certified Subfloor Components - MRc7</li> <li>• EQ - 4.2</li> <li>• Regional Materials - MRc5.1 &amp; 5.2</li> </ul>
Resilience	TriPower™, AacerFlex, AacerCush, EcoDIN <i>*Other pad options are available</i>

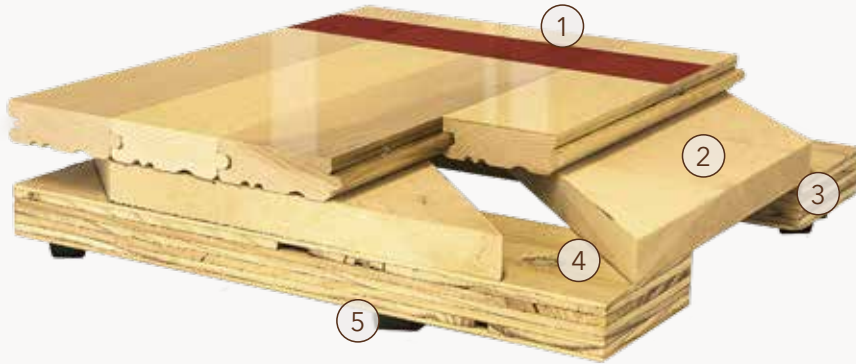
The PowerPlay™ VLP is the lowest profile version of the PowerPlay Series. This system features good shock absorption and resiliency. It's a good choice for competition gymnasiums, multipurpose rooms and dance floors. PowerPlay™ is also available in II and LP versions.



1. Precision-milled Aacer Maple
2. Fully Anchored to Substrate by Heavy-duty Concrete Fastener
3. Pre-engineered PowerPlay Panels
4. AacerCush Pad

## Anchored PowerLoc

Anchored PowerLoc is a hybrid of our ever popular ScissorLoc and Anchored PowerSleeper systems. The combination of these systems delivers a dimensionally stable floor with excellent ventilation capabilities and uniform performance.



- |  |                                       |
|--|---------------------------------------|
| 1. Precision-milled Aacer Maple              | 4. Steel Concrete Anchor with Bushing |
| 2. 1/2" x 6" Dimensional Pine (12mm x 140mm) | 5. Resilient Pad                      |
| 3. Pre-engineered Plywood Sleeper            |                                       |

### Certification



### Anchorage

Drill and Pin

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

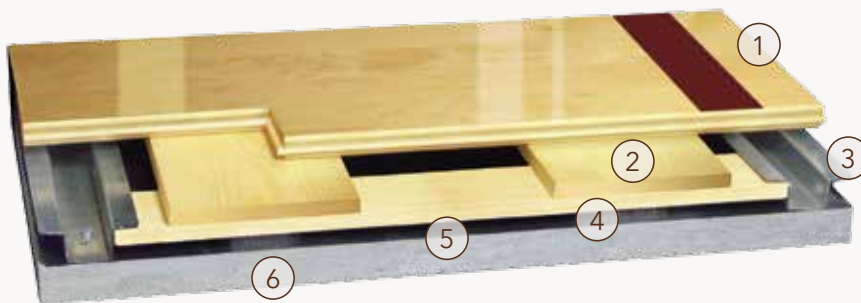
### Resilience

1/2" TriPower™

*\*Other pad options are available*

## UltraChannel DC

UltraChannel is a solid wood, fixed resilient floor system designed to produce high performance while maintaining a stable platform. With its fixed resilient design, UltraChannel has been able to produce high levels of force reduction while uniquely controlling deformation.



- |                                 |                                    |
|---------------------------------|------------------------------------|
| 1. Precision-milled Aacer Maple | 4. 7/16" (11mm) EcoDIN Pad         |
| 2. UltraChannel DC Panels       | 5. 6mil Polyethylene Vapor Barrier |
| 3. 16-gauge Steel Ultra Channel | 6. Concrete                        |

### Certification



### Anchorage

Steel Channel

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

1/2" TriPower™, EcoDIN

*\*Other pad options are available*



XAVIER

XAVIER  
University of Louisiana

XULA		10:00	MOBILE
0	T.O.L. S	PERIOD 1 S	0





# FLOATING SYSTEMS

Floating systems rest freely on a concrete substrate without being anchored. Ultimate shock absorption and resilience are achieved through the design of sub-floor components and performance pads.

## APPLICATIONS

- Gymnasiums / Fieldhouses
- Multi-purpose rooms
- Dance/aerobic studios

## DESIGNS

- Sleeper
- Plywood
- Basketweave



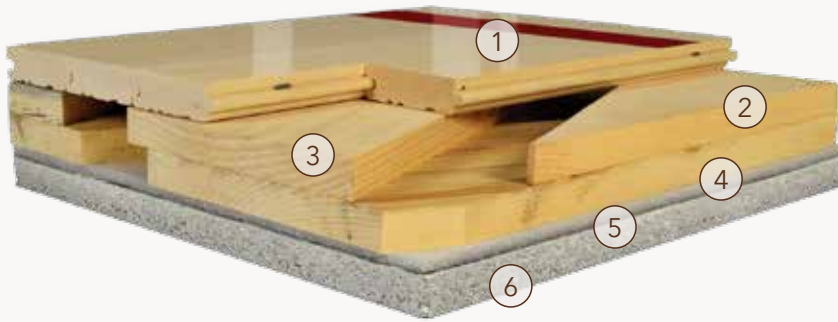




## ScissorLoc™ I

### Basket Weave Design

ScissorLoc™ I is a dimensionally stable system with excellent natural ventilation capabilities due to its criss-cross, solid wood subfloor design. ScissorLoc™ I is designed to withstand heavier loads and still provide a resilient and controlled playing surface.



1. Precision-milled Aacer Maple
2. 1" x 6" Dimensional Pine
3. 1" x 6" Dimensional Pine

4. 1/4" (6mm) Performance Foam
5. 6mil Polyethylene Vapor Barrier
6. Concrete

Certification



Subfloor

Solid Pine

Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

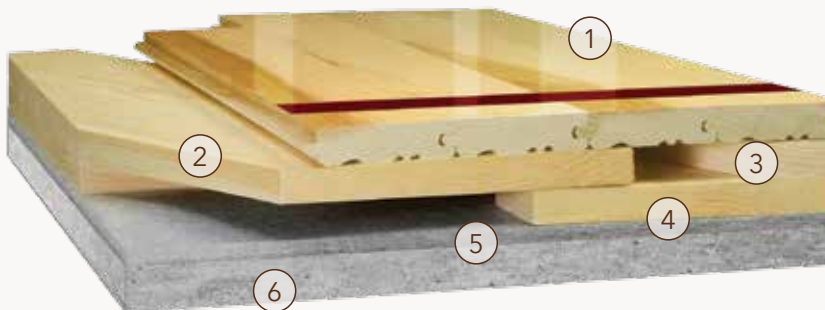
1/4" Performance Foam

*\*Other pad options are available*

## ScissorLoc™ II

### Basket Weave Design

ScissorLoc™ II is a dimensionally stable system with excellent natural ventilation capabilities due to its criss-cross, solid wood subfloor design. ScissorLoc™ II can withstand heavier loads due to its ability to adjust to the contour of the floor.



1. Precision-milled Aacer Maple
2. 1" x 6" Dimensional Pine
3. 1" x 6" Dimensional Pine

4. 1/4" (6mm) Performance Foam
5. 6mil Polyethylene Vapor Barrier
6. Concrete

Certification



Subfloor

Solid Pine

Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

1/4" Performance Foam

*\*Other pad options are available*



## Basket Weave Design

## ScissorLoc™ DC

### Certification



### Subfloor

Solid Pine

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

3/4" Performance Foam  
\*Other pad options are available

ScissorLoc DC features a criss-cross pattern and solid wood subfloor that creates a dimensionally stable system with excellent natural airflow. The ScissorLoc DC exceeds the DIN, EN and MFMA PUR standards.



1. Precision-milled Aacer Maple
2. 1/2" x 6" Dimensional Pine
3. 1/2" x 6" Dimensional Pine

4. 3/4" (19mm) Performance Foam
5. 6mil Polyethylene Vapor Barrier
6. Concrete

## Basket Weave Design

## ScissorLoc™ LP

### Certification



### Subfloor

Solid Pine

### Green/LEED

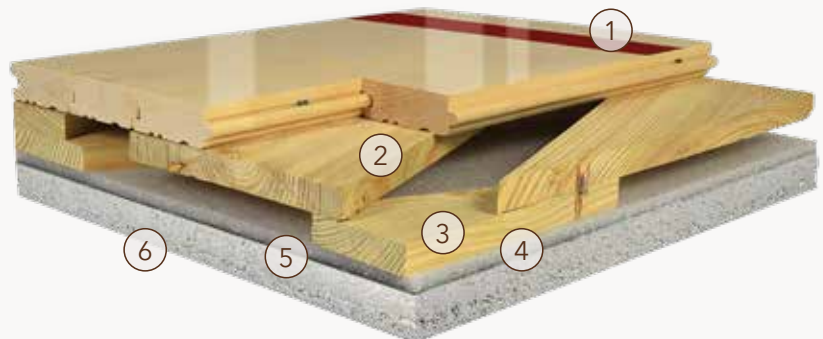


- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

1/4" Performance Foam  
\*Other pad options are available

ScissorLoc™ LP is the low profile version of the popular Aacer ScissorLoc Series. It's criss-cross, solid wood subfloor creates a dimensionally stable system with excellent natural ventilation capabilities.



1. Precision-milled Aacer Maple
2. 1/2" x 6" Dimensional Pine
3. 1/2" x 6" Dimensional Pine

4. 1/4" (6mm) Performance Foam
5. 6mil Polyethylene Vapor Barrier
6. Concrete

## AacerFlex™ EN-DIN

### Plywood Design

AacerFlex™ EN-DIN is a performance sports floor system that meets the ergonomic needs of today's athlete through sufficient force reduction, increased energy return, and outstanding ball rebound.



1. Precision-milled Aacer Maple
2. Two layers of 15/32" (12mm) NOM. Exposure 1 APA Rated Sheathing
3. 1/2" (12mm) TriPower™ Pad

#### Certification



#### Subfloor

Plywood

#### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

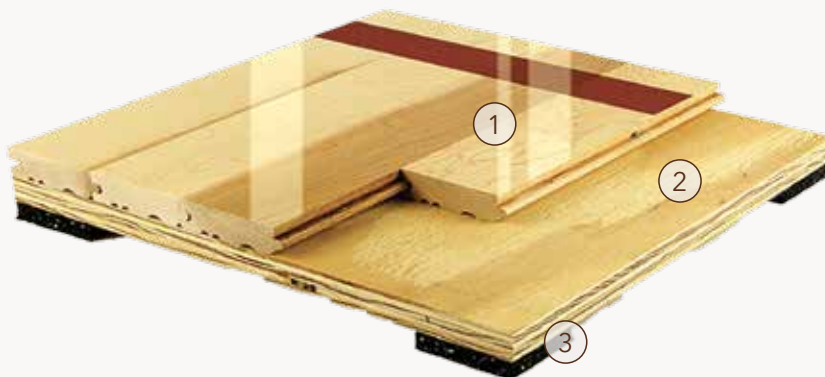
#### Resilience

TriPower™ Pad

## AacerFlex™ VLP

### Plywood Design

AacerFlex™ VLP is our lowest profile floating system. It is ideal for renovation projects. It also provides an economical solution for churches and non-profits that are on a budget and seeking hardwood floors.



1. Precision-milled Aacer Maple
2. 3/4" (19mm) AacerFlex™ VLP Panel
3. Resilient Pad

#### Certification



#### Subfloor

Plywood

#### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

#### Resilience

EcoDIN Pads

*\*Other pad options are available*



## Plywood Design

## AacerCush II

### Certification



### Subfloor

Plywood

### Green/LEED

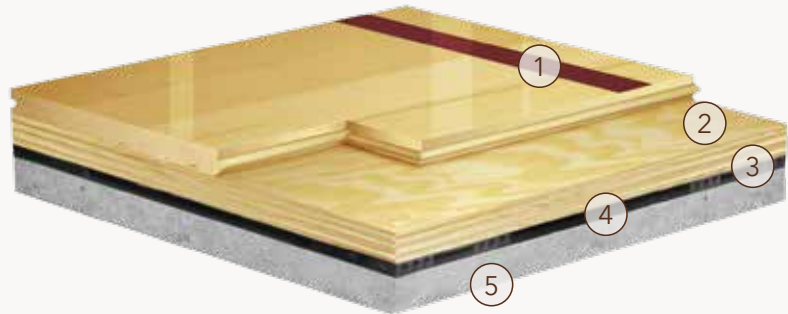


- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

AacerCush Pads

Increased structural integrity, shock absorbency and energy return make the AacerCush II one of the most widely accepted athletic flooring systems for field houses, gymnasiums, dance floors, stages, multipurpose rooms and combination synthetic and wood floor facilities.



1. Precision-milled Aacer Maple
2. Two layers of 15/32" (12mm) NOM. Exposure 1 APA Rated Sheathing
3. 3/8" (10mm) AacerCush Resilient Pad
4. 6mil Polyethylene Vapor Barrier
5. Concrete

## Combination

## AacerFlex™ with MP Sport

### Certification



### Subfloor

Plywood

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

1/2" (12mm) TriPower™ pad

*\*Other pad options are available*

AacerFlex™ with MP Sport combines the best characteristics of wood and synthetic flooring. With the multiple design options, this is a very versatile system.



1. Precision-milled Aacer Maple
2. MP Sport
3. One Layer of 3/8" (10mm) NOM. APA Plywood Under MP Sport
4. Two layers of 15/32" (12mm) NOM. APA Plywood
5. 1/2" (12mm) TriPower™ Pad

## AacerCush I

### Sleeper Design

Resilience, low cost and ease of installation make AacerCush I one of the most widely used athletic floors. AacerCush I is ideal for racquetball and squash courts, stage floors, gymnasiums and multipurpose rooms.



1. Precision-milled Aacer Maple
2. 2" x 3" (38mm x 64mm) AacerCush Sleeper
3. 3/8" (10mm) AacerCush Pad

#### Certification



#### Subfloor

Sleeper

#### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

#### Resilience

3/8" (10mm) and 5/8" (16mm) AacerCush Pad

*\*Other pad options are available*

## AacerCush I+

### Sleeper Design

AacerCush I+ is a shock absorbent variable profile system that combines sleepers with a plywood layer for greater dimensional strength. This system is well suited for new and retrofit applications in commercial and athletic facilities.



1. Precision-milled Aacer Maple
2. Layer of 15/32" (12mm) NOM. Exposure 1 APA Rated Sheathing
3. 2" x 3" (38mm x 64mm) AacerCush Sleeper
4. 3/8" (10mm) AacerCush Pad
5. 6mil Polyethylene Vapor Barrier
6. Concrete

#### Certification



#### Subfloor

Sleeper Plywood

#### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

#### Resilience

3/8" (10mm) and 5/8" (16mm) AacerCush Pad

*\*Other pad options are available*

## Plywood Design

## PowerLoc

### Certification



### Subfloor

Pre-manufactured Panels

### Green/LEED

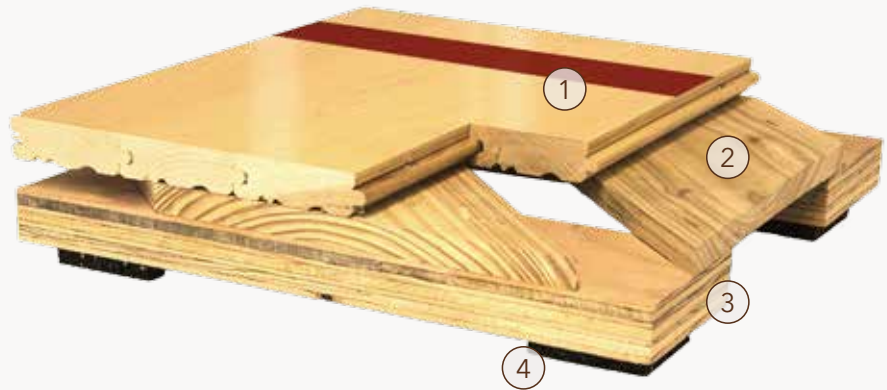


- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

TriPower™, AacerFlex, AacerCush, EcoDIN, Performance Foam

PowerLoc is a hybrid of our ever popular ScissorLoc and PowerSleeper systems. This floor is a good selection for new and retrofit sport floor applications.



1. Precision-milled Aacer Maple
2. 1/2" x 6" (12mm x 140mm) Dimensional Pine

3. Pre-engineered Plywood Sleeper
4. Resilient Pad

## Basket Weave Design

## ScissorLoc™ III

### Certification



### Subfloor

Solid Pine

### Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

### Resilience

3/4" Performance, TriPower™ Pads

Like all the Aacer ScissorLoc systems, ScissorLoc III features a criss-cross pattern and solid wood subfloor that creates a dimensionally stable system with excellent natural airflow. With its high shock attenuation pad, it provides the ultimate in shock absorption. Its excellent resiliency aids in reducing stress related injuries. This system is recommended for dance/aerobic studios.



1. Precision-milled Aacer Maple
2. 1" x 6" Dimensional Pine

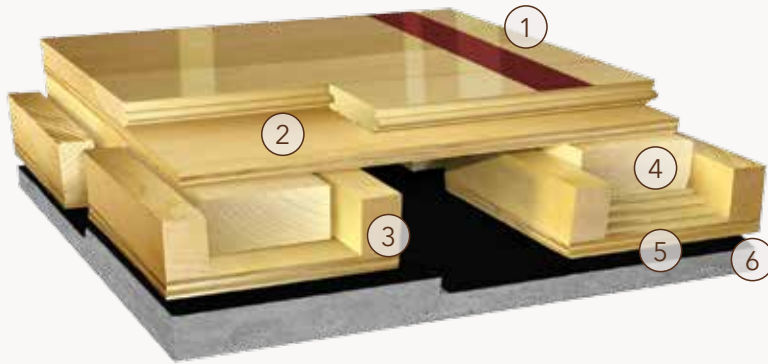
3. 1" x 6" Dimensional Pine
4. 3/4" (19mm) Resilient Pad



## RetroCoustic

## Plywood Design

RetroCoustic is a variable profile and versatile impact energy absorbing system consisting of rubber cradles and wood sleepers overlaid with plywood in varying thicknesses.



- |                                 |   |
|---------------------------------|---|
| 1. Precision-milled Aacer Maple | 4. Nominal 2" x 3" Sleeper or Plywood Sleeper |
| 2. 15/32" CDX Plywood           | 5. EcoDIN Pad                                 |
| 3. RetroCoustic Cradle          | 6. Vapor Barrier                              |

Subfloor

Green/LEED

Plywood



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

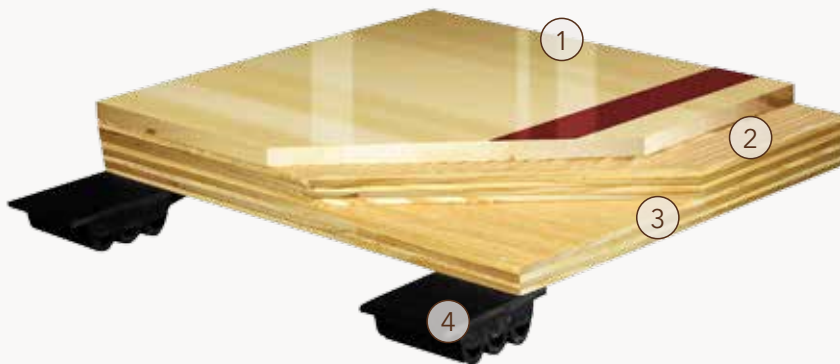
EcoDIN pad

*\*Other pad options are available*

## SuperBond Flex™

## Plywood Design

SuperBond Flex™ is a mastic set edge-grain maple parquet adhered to a floating sub-floor system. Perfect for applications where system height is a factor.



- |   |  |
|---|--|
| 1. 1/2" (12mm) MFMA Maple SuperBond™ Flooring | 3. Two layers of 15/32" (12mm) NOM. Exposure 1 APA Rated Sheathing |
| 2. Elastomeric Glue                           | 4. Resilient Pads  |

Certification



Subfloor

Plywood

Green/LEED



- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

TriPower™, AacerFlex, AacerCush, EcoDIN, Foam Pad



**LOURDES**

[www.ourdeparish.org](http://www.ourdeparish.org)



# FIXED SYSTEMS

Fixed floor systems are mechanically fastened to the concrete substrate – either drilled and pinned or pneumatically nailed. While these systems are very stable and offer outstanding buckle resistance, resiliency can be sacrificed.

## APPLICATIONS

- Retrofit
- Remodels
- Commercial Projects

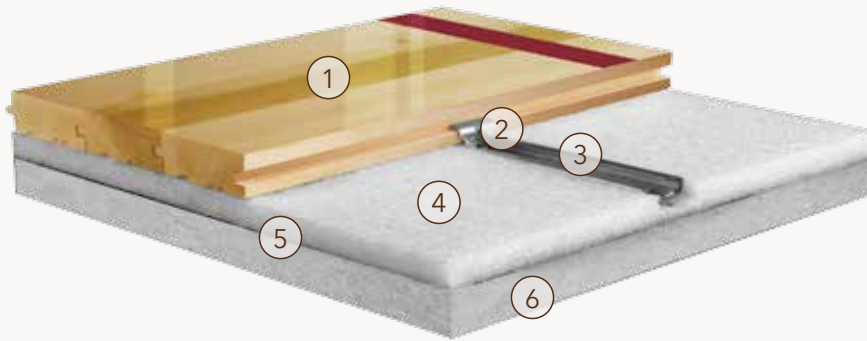






## AacerLoc™

AacerLoc™ is a fixed, low profile system with fast ball response, longevity and integrated expansion provisions to make it the system least prone to buckling. Ideal for retrofits and remodels.



- |                                 |                                    |
|---------------------------------|------------------------------------|
| 1. Precision-milled Aacer Maple | 4. Channeled Performance Foam      |
| 2. AacerLoc™ Clip               | 5. 6mil Polyethylene Vapor Barrier |
| 3. Heavy 16-gauge Steel Channel | 6. Concrete                        |

Anchorage

Clip and Channel

Green/LEED



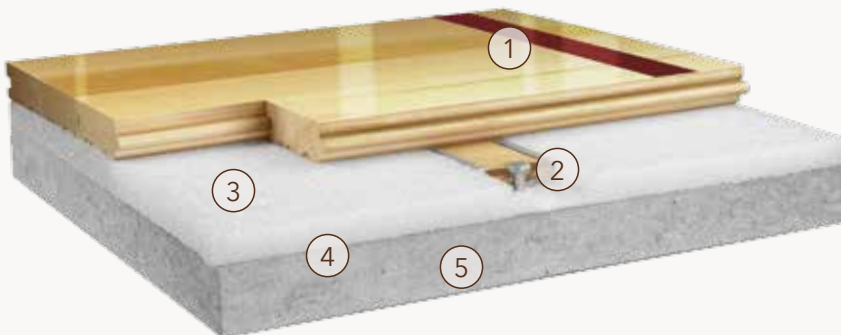
- FSC® Certified Maple - MRc7
- FSC® Certified Subfloor Components - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

1/2" (12mm)  
Channeled  
Performance Foam

## AacerFast™

AacerFast™ is an anchored low profile system. This system combines the benefits of a nail down floor with the stability of an anchored floor. It is suitable for new and retrofit commercial projects and sports flooring applications.



- |                                 |                                    |
|---------------------------------|------------------------------------|
| 1. Precision-milled Aacer Maple | 4. 6mil Polyethylene Vapor Barrier |
| 2. AacerFast™ Channel           | 5. Concrete                        |
| 3. Channeled Performance Foam   |                                    |

Anchorage

Channel and Nail

Green/LEED



- FSC® Certified Maple - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

1/2" (12mm)  
Channeled  
Performance Foam

## AacerFixed Sleeper

Anchorage

Channel and Nail

Green/LEED

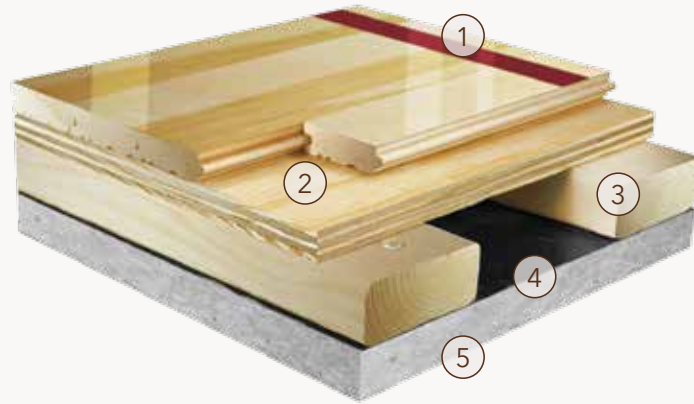


- FSC® Certified Maple - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

1/2" (12mm)  
Channeled  
Performance Foam

Aacer Fixed Sleeper is the traditional basketball floor. It is a dimensionally stable floor system that delivers maximum performance and structural integrity.



1. Precision-milled Aacer Maple
2. 1" x 6" or 3/4" APA Underlayment
3. 2" x 4" Sleeper
4. Vapor Barrier
5. Concrete

## SuperBond™

Anchorage

Mastic Set

Green/LEED

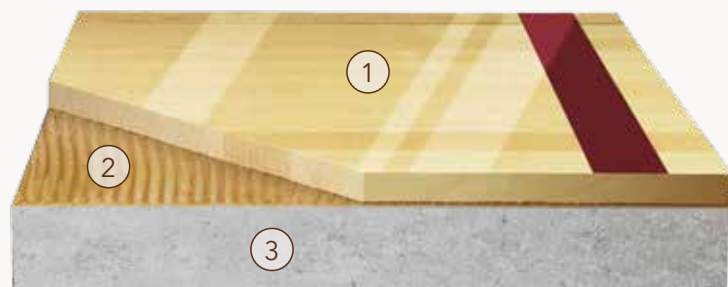


- FSC® Certified Maple - MRc7
- EQ - 4.2
- Regional Materials - MRc5.1 & 5.2

Resilience

1/2" (12mm)  
Channeled  
Performance Foam

SuperBond™ is a mastic set edge-grain maple parquet which is usually adhered directly to a concrete substrate. The low profile makes it ideal for retrofit and commercial projects. It is not generally used for sport applications.



1. Maple SuperBond™ Flooring
2. Elastomeric Glue
3. Concrete

# SYNTHETIC FLOORS

Aacer Sports Flooring's synthetic sport surfaces are available in a variety of composite materials to fit every budget and application. Synthetic floors are versatile, easy to maintain and are perfect for multipurpose gyms, locker rooms, weight rooms and fitness areas.

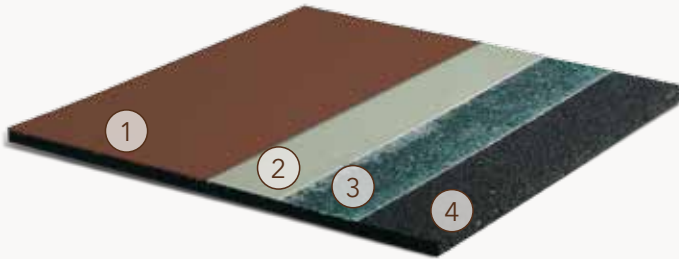






## MP Sport™

MP Sport™ is a multi-use, seamless urethane, pad-and-pour athletic floor system. In addition to being available in an array of colors, MP Sport™ offers long life, low maintenance and multiple design options. It's the perfect choice for high-volume, multipurpose facilities and indoor running tracks.



1. Surface Coat (water based)
2. 2mm Wear Coat (solvent free)
3. Pore Sealer (solvent free)
4. Recycled Rubber Basemat

## MP Elite™

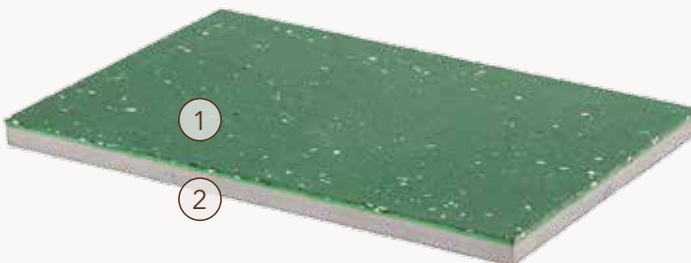
MP Elite™ is a vulcanized rubber floor system that is extremely durable and easy to clean. It is good choice for weight and exercise rooms, gymnasiums, jogging tracks, golf facilities and other high activity areas.



1. Wear Layer Etched Texture
2. Resilient Underlayer

## MP Elite™ Speckled

MP Elite™ Speckled is a vulcanized rubber floor system with a speckled look. It is extremely durable and easy to clean. It is good choice for weight and exercise rooms, ice rinks, gymnasiums, jogging tracks, golf facilities and other high activity areas.



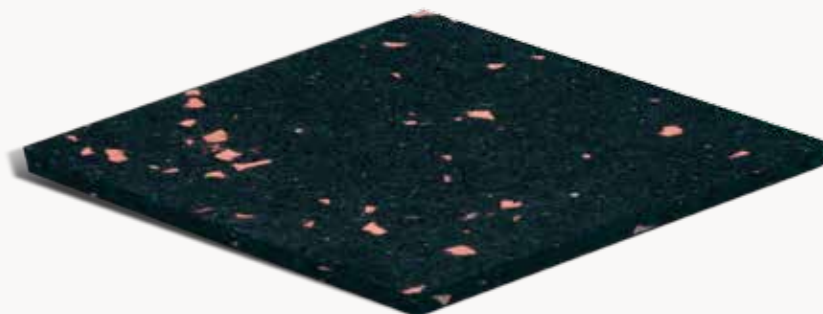
1. Wear Layer Etched Texture
2. Resilient Underlayer



All products contain recycled materials.

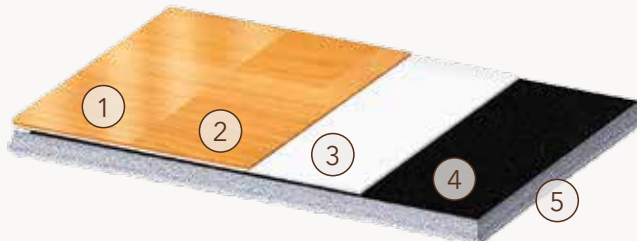
## JV Elite™

JV Elite™ is a rubber sheet that holds up to high traffic and heavy use. This product is versatile and performs well in a variety of applications: walking tracks, exercise/aerobic rooms, weight rooms and ice arena walk-off areas.



## MP Court PVC

MP Court PVC, a cushion backed vinyl sports flooring system, provides a durable shock absorbing surface for indoor recreational play. The product features a long-lasting surface and a reinforced fiberglass inter-layer resulting in excellent linear and dimensional stability. The vinyl wear layer provides excellent traction and durability. Its heavy foam back provides resiliency and comfort for athletics. It is bacteria and microbe resistant.



1. UV Cured Polyurethane Protection Layer
2. Durable Wear Layer
3. Fiberglass Mesh Interlayer
4. Calendered PVC Layer
5. Closed Cell Foam Cushioned Backing

## MP Trax™

MP Trax™ is a prefabricated sheet product specially formulated for indoor or outdoor use on competitive performance tracks, field facilities, tennis and multi-recreational venues. MP Trax™ uses a special blend of natural and synthetic rubbers to achieve excellent resilience, elongation and tear strength resulting in consistency of play and longevity of the system.



1. Bottom Layer - design provides force reduction
2. Middle Layer - a high-grade blend of synthetic and natural rubber
3. Performance Layer - provides a uniform performance surface that will stand up to heavy traffic / use



## CourtKleen™



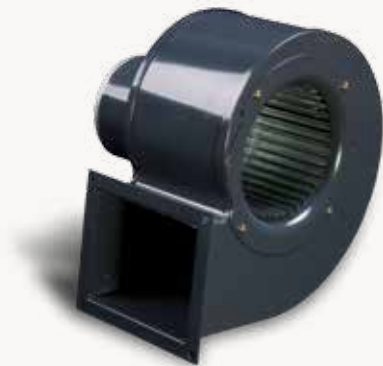
The CourtKleen™ cleaning system is comprised of cleaners, applicators and pads. The highly effective and simple-to-use cleaners are available in two formulas: Daily and Intensive. The cleaners can be used on hardwood, laminate and synthetic floors. Mop, spray applicator and pads are also available.

## AcousticCover™



AcousticCover™ is a portable floor cover. AcousticCovers offers floor protection allowing gym floors to be transformed into high-traffic assembly areas. In addition to protection, the high-quality fiber tiles also provide sound deadening qualities. The tiles are available in four colors.

## PowerVent™



Aacer's PowerVent™ Airflow System is a patented design featuring an under floor detection system. If the under floor humidistat detects moisture, a fan unit is triggered to start circulating air through the floor system. The PowerVent™ system helps prevent or alleviate moisture issues.

## Colored Vent Cove Base



Colored vent cove base is offered in standard and custom colors. Adding color around the perimeter of a gymnasium really allows for personalization.

**IOWA STATE**  
MEN'S BASKETBALL

**STATE**

**WETTER COURT**





AACER<sup>™</sup>  
SPORTS FLOORING



Made in USA

[www.AACERflooring.com](http://www.AACERflooring.com)

Follow us at  /aacer.flooring • 877-582-1181

Feb2017