

09 64 66/HOR
BuyLine 3360



HORNER
SPORTS FLOORS



Horner Flooring supports SmartWood, an effort designed to maximize the positive impacts of commercial forestry on local communities and to reduce the long-term environmental impact. SmartWood is a program of the Rainforest Alliance, an international nonprofit conservation organization.



Throughout the years, Horner Flooring has tested wood flooring systems with the United States Sports Surfacing Laboratory, Inc. The USSL is an independent testing company dedicated to the exclusive testing of surfaces designed for sports usage. Covering the globe with affiliated laboratories in Switzerland and Australia, the USSL actively participates in the worldwide development of testing standards and procedures through the ISSS and ASTM.



Horner Flooring is a charter member of the Maple Flooring Manufacturers Association. Since 1897, the MFMA has established itself as the authoritative source of technical and general information on maple sports flooring. Horner subscribes to the high standards for which the association stands.



The Federation Internationale de Basketball (FIBA) is the world governing body of basketball and sanctions and stages international basketball competitions. Horner is a member of the FIBA Study Center. Based in Geneva, Switzerland, the FIBA Study Centre coordinates research initiatives and offers consulting services for materials, equipment design and construction.



www.hornerflooring.com

History

A Tradition of Excellence

As the world's oldest name in hard maple flooring, Horner Flooring has set the industry standard since 1891, earning a reputation for excellence in providing top-quality hardwood sports floors around the world. In 2004, Horner expanded its product offerings to include synthetic surfacing options for indoor and outdoor athletic use.

Worldwide Acceptance

From 1986 - 2005 every NCAA Final Four game and since 1983 every NBA All-Star game has been played on a Horner floor. The 2004 NBA World Champion Detroit Pistons, the 2004 WNBA World Champion Seattle Storm, 2003 WNBA World Champion Detroit Shock and the 2000 NCAA Men's Basketball Champion Michigan State Spartans play their home games on a Horner floor. Additionally, Horner floors have been used in such international events as the World University Games, the Pan-American Games, the Olympics, the Goodwill Games, the Japan-NBA Games, the European Championships, the McDonalds-NBA Games and the World Championship of Basketball. The Horner Pro-King was used in the 2000 Olympics at the Sydney SuperDome in Sydney, Australia.

New Technology & Products

But even as Horner continues in its second century of manufacturing, it's not content to sit back and reflect on its success. Horner is proud of the fact that it has the most technologically advanced facility in the hardwood flooring industry. In addition to the new production facilities, which produces the highest quality random length strip flooring, and in response to the demand for products that take less time to install, Horner recently announced an extended wear flooring option called Long Life™ providing the ecological cost saving and availability benefits of a standard 25/32" product but with the extended life available from 33/32" flooring.

Horner Flooring...The Oldest Name in Sports Flooring™.



Berkowitz Basketball Complex, Michigan State University

Breslin Center, Michigan State University; East Lansing, Michigan

All of Horner's flooring systems are carefully engineered for the very best in athletic performance, structural integrity, trouble-free maintenance and beauty. Your Horner dealer will guide you through your specification selection or advise you which design would best equal an existing specification. Call Horner for the dealer nearest you.

Complete specifications on any of the Horner systems are available on our web site at www.hornerflooring.com.

Balanced Performance System (BPS)[™]

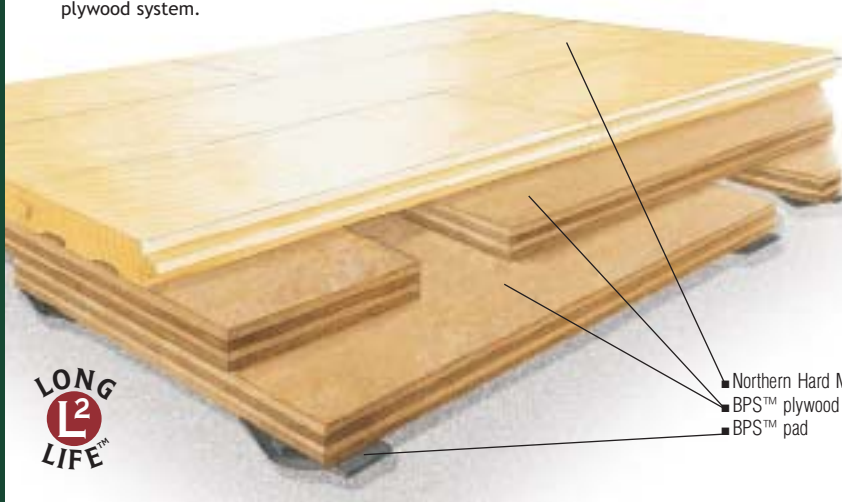


patent pending

The Balanced Performance System is the most advanced wood sports flooring system available. The BPS System meets the current DIN 18032 Part II (2001) performance requirements. By its design, the BPS system gives each user guaranteed performance results, while providing maximum dimensional stability through its "time tested" double layer plywood system.



UCLA Men's Gym
Los Angeles, CA



FINISH FLOORING

25/32" or 33/32" thick x 1-1/2" or 2-1/4" wide x random length or finger jointed continuous tongue and groove and end-matched Northern Hard MFMA maple. Available in Long Life[™] if so specified.

SUBFLOOR

Two layers of BPS, Rated Sheathing, Exposure 1, plywood padded with Horner BPS pads.

SLAB DEPRESSION

Concrete slab depression shall be 2" for 25/32" flooring.

PERFORMANCE

Performance meets DIN 18032 Part II (2001) requirements.

APPLICATION

Basketball, volleyball, multipurpose, dance, aerobics, martial arts, racquetball, handball and squash.

INSTALLATIONS:

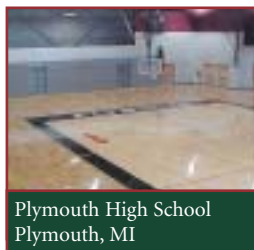
- St. John's University
Queens, NY
- University of California
Fullerton, CA
- University of Western Kentucky
Bowling Green, KY
- Grand Valley State University
Allendale, MI

CRP[™] System



The Horner CRP[™] System is one of the most advanced systems on the market today. Cushion pads of recycled rubber are utilized to provide customized performance characteristics.

In addition, the CRP[™] System provides both lateral and longitudinal restraint preventing the floor from excessive shifting or buckling.



Plymouth High School
Plymouth, MI

INSTALLATIONS:

- University of Southern Indiana
Evansville, IN
- University of Saskatchewan
Saskatchewan, Canada
- McEachern H.S.
Atlanta, GA
- Allan Hancock H.S.
Santa Monica, CA



FINISH FLOORING

25/32" or 33/32" thick x 1-1/2" or 2-1/4" wide x random length or finger jointed continuous tongue and groove and end-matched Northern Hard MFMA maple. Available in Long Life[™] if so specified.

SUBFLOOR

15/32" Rated Sheathing, Exposure 1, plywood.

CUSHION PADS

7/16" or 3/4" Horner SAFE[™] pad, or 7/16" Horner ECO[™] pad. Foam option: Use 1/4" closed-cell foam in place of pads.

SLAB DEPRESSION

Concrete slab depression shall be 2-1/8" for 7/16" pad, or 2-7/16" for the 3/4" SAFE[™] pad. Add 1/4" for 33/32" thick maple.

PERFORMANCE

Manufactured to Horner standards. Exceeds MFMA standards. Meets DIN 18032 Part II requirements.

APPLICATION

Basketball, volleyball, multipurpose, dance, aerobics, martial arts, racquetball, handball and squash.



SAFE™ Panel System



The SAFE™ Panel System incorporates two layers of either 15/32" sheathing grade plywood or 7/16" OSB with the SAFE™ pads stapled to the bottom layer. Because each pad component is available in a variety of hardnesses, the shock absorption characteristics can be customized by controlling the relative hardness of the shell and insert.



Virginia Commonwealth University ALLTEL Pavilion, Stuart C. Siegel Center, Richmond, VA

The University of Wisconsin Badgers selected Horner's SAFE™ system for the school's permanent basketball practice facility.



FINISH FLOORING

25/32" or 33/32" thick x 1-1/2" or 2-1/4" wide x random length or finger jointed continuous tongue and groove and end-matched Northern Hard MFMA maple. Available in Long Life™ if so specified.

CUSHION PADS

7/16" or 3/4" Horner SAFE™ pad. Foam option: Use 1/4" closed-cell foam in place of pads.

SUBFLOOR

15/32" or 7/16" Rated Sheathing, Exposure 1.

SLAB DEPRESSION

Concrete slab depression when using 7/16" SAFE™ pads shall be 2-1/8" for 25/32" thick flooring, or 2-3/8" for 33/32" thick flooring. For 3/4" pads add 5/16" to the dimensions above. For 5/16" MultiSport flooring, subtract 7/16" from depression.

PERFORMANCE

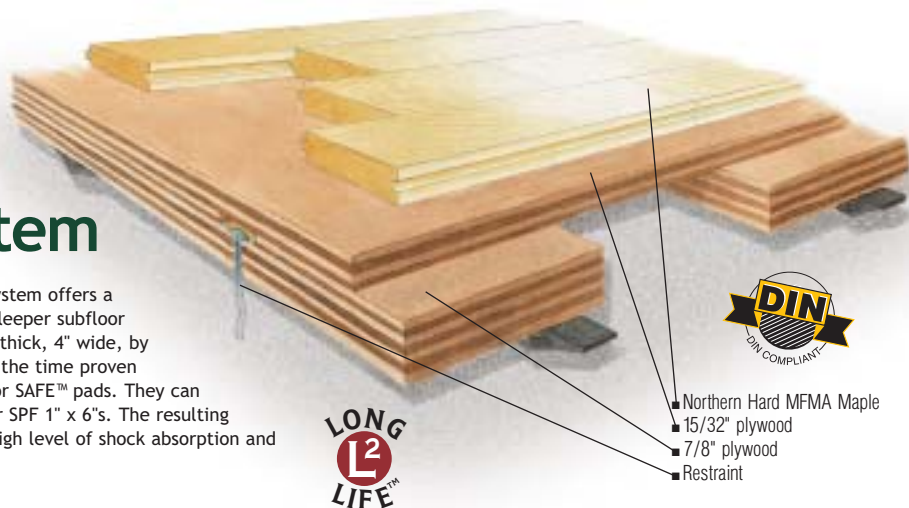
Manufactured to Horner standards. Exceeds MFMA standards. Meets or exceeds DIN shock absorption and ball rebound standards.

APPLICATION

Basketball, volleyball, multipurpose, dance, aerobics, martial arts, racquetball, handball and squash.

Laminated Sleeper Subfloor System

The Horner Laminated Sleeper Subfloor System offers a lower profile version of the time proven sleeper subfloor systems. The laminated sleepers are 7/8" thick, 4" wide, by 8 feet long and are cushioned with either the time proven Horner Thrust-A-Cushion pads, ECO pads or SAFE™ pads. They can be used to support either plywood, OSB or SPF 1" x 6"s. The resulting systems provide for a relatively uniform high level of shock absorption and excellent ball rebound characteristics.



FINISH FLOORING

25/32" or 33/32" thick x 1-1/2" or 2-1/4" wide x random length or finger jointed continuous tongue and groove and end-matched Northern Hard MFMA maple. Available in Long Life™ if so specified.

SUBFLOOR

15/32" or 7/16" Rated Sheathing, Exposure 1. Subfloor Restraints: Special R II pin restraint, when so specified.

CUSHION PADS

3/8" or 5/8" Thrust-A-Cushion™ pad, 7/16" ECO™ pad, 7/16" or 3/4" SAFE™ Pad. Foam option: Use 1/4" closed-cell foam in place of pads.

SLAB DEPRESSION

Slab depression shall be 2-1/2" with 25/32" thick maple and 7/16" pads. Adjust accordingly for different pads.

PERFORMANCE

Performance provides a comfortable level of resiliency with uniform playing characteristics.

APPLICATION

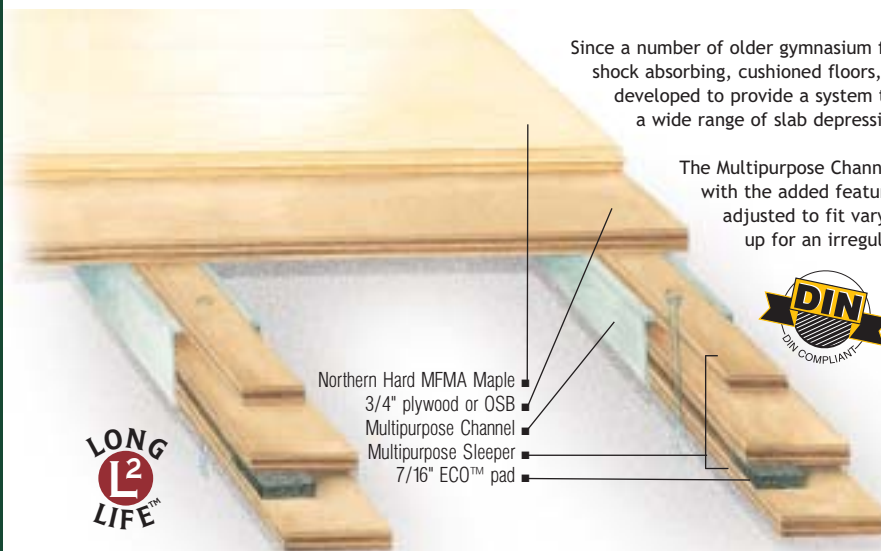
Basketball, volleyball, multipurpose, dance, aerobics, martial arts, racquetball, handball and squash.



Multipurpose Channel System

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MULTIPURPOSE CHANNEL SYSTEM



FINISH FLOORING

25/32" or 33/32" thick x 1-1/2" or 2-1/4" wide x random length or finger jointed continuous tongue and groove and end-matched Northern Hard MFMA maple. Available in Long Life™ if so specified.

SUBFLOOR

3/4" Rated Sheathing, Exposure 1.

CUSHION PADS

7/16" ECO™ or SAFE™ pads.

The Multipurpose Channel System is basically a sleeper subfloor system with the added feature of a bottom support that can be readily adjusted to fit varying slab depressions and/or shimmed to make up for an irregular slab surface.



SLAB DEPRESSION

Slab depression shall be 3-3/8" with 25/32" thick maple, but can be adjusted to accommodate different depressions.

PERFORMANCE

Performance provides a comfortable level of resiliency with uniform playing characteristics.

APPLICATION

Basketball, volleyball, multipurpose, dance, aerobics, martial arts, racquetball, handball and squash.

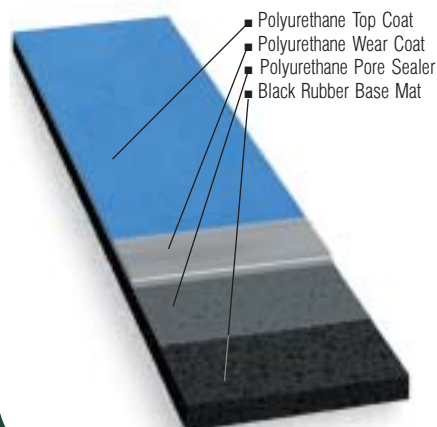
CushionCourt™ System

The CushionCourt™ System is a seamless (monolithic), padded polyurethane, multifunction athletic flooring system. It offers excellent participant protection through high shock absorption and frictional coefficient optimization thereby minimizing potential for both impact and twisting injuries. This system can be easily and economically installed over a variety of substrates, is easy to clean and maintain and offers low life-cycle costs.



TOP COAT

Made of tough two-part component aliphatic polyurethane. Excellent abrasion and marring resistance. Low and easy maintenance. Wide range of standard color with custom colorization option.



STRUCTURAL/WEAR COAT

Made of tough two-part component polyurethane. Structural/wear coat distributes point loads over larger areas due to softer base mat and high durometer urethane.

PORE SEALER

Designed to economically seal rubber base mat and provide for a more uniform structural/wear coat application. Excellent compatibility with polyurethane structural/wear coat.

BASE MAT

Consistent thickness for complete reliability. Excellent force reduction.

COLOR

Available in ten standard colors. Custom colorization available upon request.

CUSHIONCOURT™ OPTIONS

Gold Performance System (GPS) — DIN certified, 14+3mm version of the CushionCourt™ System.

TRACKtion™ — Activity specific granulation additive for additional traction often required of running tracks and tennis courts.

reNew™ — Value priced structure/wear coat rejuvenation and top coat replacement. Can be placed over many non-CushionCourt™ flooring systems.

TopOff™ — Affordable top coat only replacement.

TOTAL THICKNESS

Generally varies from 6mm to 17mm allowing for maximum choice based upon specific needs of intended sport(s).

PERFORMANCE

Provides comfortable shock absorption and frictional coefficient optimization for a variety of activities and levels of play.

APPLICATION

Basketball, volleyball, multipurpose, dance aerobics, martial arts, racquetball, handball and squash.

CUSHIONCOURT™ SYSTEM



EcoTuff™ & SuperTuff™ Systems

The EcoTuff™ and SuperTuff™ Systems are premium rubber flooring products designed for the most demanding and rigorous applications where non-slip and high wear resistance surfaces are required. It is available in rolls or tiles with composition ranging from 100% vulcanized virgin rubber to 100% recycled tires.

DURABILITY

Dense construction and top-quality manufacturing provide years of long-wearing dependable service before restoration to original condition is needed.

TOTAL THICKNESS

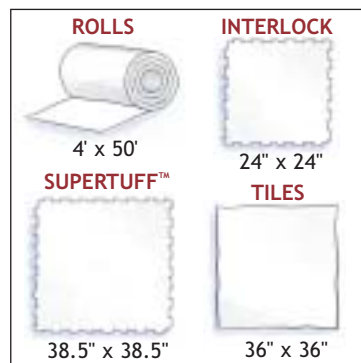
9mm

"GREEN" APPLICABILITY

Available in high recycled content formulation for LEEDS credits and greater environmental consciousness.

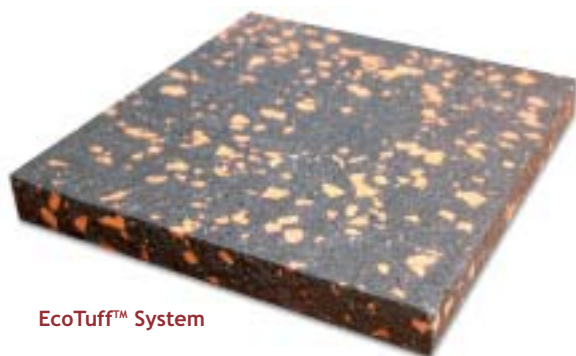
APPLICATION

Weight room, fitness, multipurpose, changing and locker rooms and pool surrounds

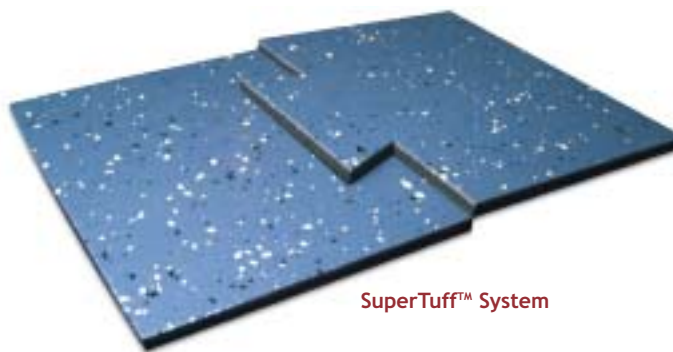


COLOR

Available in a multitude of standard colors. Custom colorization available upon request.



EcoTuff™ System



SuperTuff™ System

Olymp-X™ System

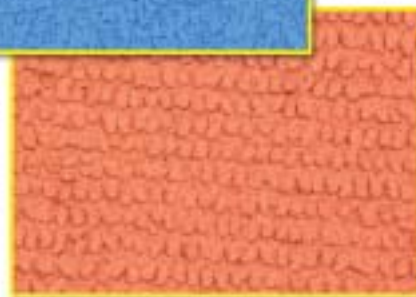


The Olymp-X™ System is an IAAF and DIN certified system that has been specifically designed for dual-durometer, high performance track and fieldhouse applications. A full-color, vulcanized rubber surface provides extended longevity and high levels of comfort and shock absorption.



Fieldhouse Finish

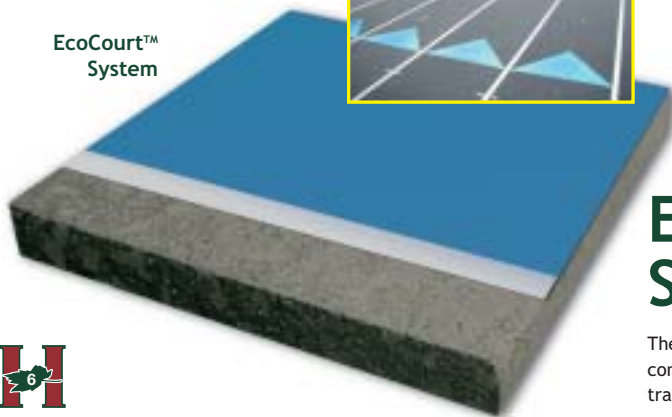
Track Finish



EcoTrack™ System



EcoCourt™ System



EcoCourt™ & EcoTrack™ Systems

The EcoCourt™ & EcoTrack™ Systems make excellent high performing, value conscious alternatives for indoor padded polyurathane surfaces and outdoor track systems respectively.



Pro-King™ Portable Floor

Superior Playing Characteristics

The Pro-King Portable Basketball Floor System combines superior playing characteristics and the fastest assembly available. This system is constructed to meet the demands of professional and collegiate competition and is currently in use by many NBA teams and nationally recognized colleges and universities. If you've watched the NBA All-Star Game or the men's or women's NCAA Final Four Game in the past 20 years, you've seen the Horner Pro-King Portable Basketball Floor.

Like all Horner basketball floors, the Pro-King exceeds competitive standards for playability and carries the same high-quality appearance and detail finishing associated with all Horner floor systems.



The 2005 NCAA Final Four Floor
Edward Jones Dome – St. Louis, MO

Fastest Assembly Available

The Pro-King is the fastest and easiest to assemble portable floor on the market today. An experienced five-person crew can assemble the floor and make it ready for play in a matter of a couple of hours. Horner has seen a team of five, four-person crews assemble its Pro-King floor in under a half-hour! Each 4' x 8' (4' x 7' international) panel is easily guided into position with Horner's patented Pro-Pivot hinge and securely fastened by a sliding lock. Completely hidden from view, the patented system hardware is a part of the floor panel, and can't be mislaid during the frequent installation and assembly required in a busy sports facility.

Flexible Designs

Horner can accommodate a wide variety of Pro-King floor designs, from its traditional seamless finger-jointed system to square end, parquet and even herringbone patterns. When added resiliency is required, Horner has innovative shock-absorbing models to choose from.



Kohl Center, University of Wisconsin - Madison

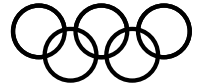
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Since 1983 every NBA All-Star Game has been played on a Horner Floor.



Suppliers of the NCAA® Final Four floors for twenty years.
1986 - 2005



Games of the XXIIIrd Olympiad,
Los Angeles, 1984.



www.hornerflooring.com

Horner Sports Floor Systems

STA-LOC STA-LOC I STA-LOC II SYSTEMS

These Horner systems anchor hard maple strip flooring directly to the concrete slab. The three systems include steel channels and heavy-duty steel clips, which lock the floor firmly together and anchor it to the subfloor. Providing low profile, low resiliency with excellent ball rebound and fast play, these are the most stable and fast-playing of all Horner systems.

STA-FAST SYSTEM

This Horner system is a low-cost version of Horner's traditional channel flooring system. The flooring is nailed directly into a special hardwood-core steel nailing strip, eliminating the need for clips. For the luxury of a channel floor system with the economy of a nail-down floor, choose the Horner Sta-Fast System.

FIXED SLEEPER SYSTEM

This is Horner's time-proven sports floor system. This premium system is designed for high performance and reliability. The unique sleeper and subfloor arrangement reduces the possibility of

buckling and cupping brought on by excessive moisture buildup. The all-wood Fixed Sleeper Floor System is shock absorbent and reduces leg fatigue.

THRUST-A-CUSHION PANEL THRUST-A-CUSHION SLEEPER THRUST-A-CUSHION SLEEPER SUBFLOOR SYSTEM

The most popular resilient flooring systems – all three are economical, easy to install and provide a comfortable level of resiliency and ball bounce. The Thrust-A-Cushion pads are designed to absorb shock and return energy to the athlete to reduce fatigue.

VARI-CUSHION SYSTEM

This state-of-the-art resiliency system combines closed-cell polyethylene foam and vinyl cushion pads. It provides two different levels of shock absorption and energy return for a smooth transfer of forces.

ALL-WOOD AND ALL-WOOD FR SYSTEMS

These are true all-wood flooring systems consisting of Northern Hard MFMA Maple flooring and a double 1" x 6" (nominal) SPF subfloor. This solid subfloor provides for uniform resiliency. The FR System is designed to meet the DIN 18032, part two, impact force reduction requirements.

MULTISPORT SYSTEMS

These are economical, low-profile parquet systems that can be installed new or as a retrofit over existing synthetic systems. The Multisport Systems are designed for durability and safety and are attractive and easy to maintain.

PRO-KING PORTABLE SYSTEM

Horner's tradition of excellence continues with this system. Pro-King offers both fast assembly and superior playing characteristics. Pro-King exceeds competitive standards for playability. This is the basketball court for the NCAA Final Four games and the NBA All-Star games.



Seattle SuperSonics - Seattle, WA
Practice Facility, Safe™ Panel System



LONG LIFE™ FLOORING

Horner's Long Life™ flooring offers the ecological, cost savings and availability benefits of standard 25/32" flooring but with the extended wear life of 33/32" product.



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Horner Innovation Center

The Horner Innovation Center is a first-of-its-kind sports flooring, owner evaluation tool. Unlike other venues where owners are persuaded to one system or another by trained sales personnel, the Horner Innovation Center offers a more rounded approach to floor evaluation. Prospective new users will be afforded the opportunity to evaluate sports flooring from all the angles for a true multi-faceted perspective rather than the tunnel perspective of other venues. At the Innovation Center, we believe the flooring decision is our customer's choice, not Horner's!

Limited Warranty on Horner Flooring Systems

Provided maintenance is carried out in accordance with instructions shown on the MFMA Care Card, a one-year limited warranty will be issued for materials and workmanship to conform to Public Law 93-637, enacted January 4, 1975.

Horner Flooring Company's policy is to continuously improve its line of products. Therefore, Horner Flooring Company reserves the right to change, modify or discontinue models, specifications and accessories of all products at any time without notice or obligation to any purchaser. This brochure supersedes all previous literature published by Horner. Horner Flooring Company is not responsible for errors in printing this catalog.

Want more information?

Specifications and drawings are available through our web site and CD-Rom. Find us on the Internet at: www.hornerflooring.com

Setting the Environmental Standard

At Horner Flooring, we have and continue to protect and preserve our environment – not just talk about it. We believe that a significant part of manufacturing a top-quality hardwood sports floor includes wise stewardship of raw materials used in their manufacture. Horner is certified by "Smartwood," an arm of the Forest Stewardship Council, which in turn is an arm of the worldwide Rain Forest Alliance.

Good forest stewardship practices have always been important to Horner. Most of the lumber purchased for the manufacture of Horner Sports Floors is purchased from a small core of second and third generation landowners that cut on the same parcels as did their fathers and grandfathers – a classic example of utilizing a renewable natural resource on a sustainable yield program to ensure lumber availability for future generations.

In addition, Horner has the most modern manufacturing facility in the industry today. An integral design component of this facility was to maximize yield from the available lumber consumed in the manufacturing process.

Horner initiated and continues to promote efforts to discontinue the manufacture of 33/32" thick sports flooring; as it has recognized the "waste of lumber" to produce a product that would have a life span longer than the structure in which it had been an integral part. In lieu of 33/32" flooring, Horner was the first manufacturing mill to offer an extended wear life 25/32" product with the introduction of its Long Life™ flooring. Similarly, Horner initiated the concept of using engineered wood products for subfloor components. Engineered wood products are designed to maximize the utilization of wood fiber and consequently offer the industry one of the most significant ways to preserve our natural resources. The importance of this effort continues to be recognized and advanced by Horner today as evidenced by the inclusion of these products in the specifications of many of its flooring systems. Horner has continued to advance these concepts through its affiliation with industry associations and agencies. This will have a very significant impact on the consumption of our natural resources – something we should all embrace.

In its approach to synthetic flooring composition, Horner's product has the ability to be formulated from 100% vulcanized virgin rubber to 100% recycled materials of which the primary ingredient is tire rubber. By adjusting composition and specifying appropriate adhesives systems can be specified "green" so as to maximize LEEDS MR 4.1, MR 4.2 and EQ 4.1 credits.

These are just some of the ways that Horner Flooring has demonstrated its pledge of environmental responsibility. Horner is committed to the preservation of our precious natural resources, and it is a stewardship we have proudly practiced since 1891. After all, our company would not span three centuries of existence if we didn't believe in setting such high standards.

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