



TODAY'S PREFERRED SPORTS SURFACE



The Maple Flooring Manufacturers Association (MFMA) is the authoritative source of technical and general information about maple flooring and related sports flooring systems. MFMA's membership consists of manufacturers, installation contractors, distributors and allied product manufacturers who subscribe to established quality guidelines. Through cooperative member programs, MFMA establishes product quality, performance and installation guidelines; educates end users about safety, performance and maintenance issues; and promotes the use of maple flooring products worldwide.



M F M A

Maple Flooring Manufacturers Association, Inc.

The Sports Flooring Authority

MFMA MANUFACTURERS

MFMA maple flooring is manufactured to the highest standards in the flooring industry, by these manufacturers only:

Aacer Flooring, LLC

P.O. Box 151
970 Ogden Rd.
Peshtigo, WI 54157
Phone: 877-582-1181
Fax: 715-582-1182
E-mail: ashleym@aacerflooring.com
www.aacerflooring.com

Action Floor Systems, LLC

4781 S. Highway 51 North
Mercer, WI 54547-9708
Phone: 800-476-3512
Fax: 715-476-3585
E-mail: info@actionfloors.com
www.actionfloors.com

Connor Sports Flooring

545 E. Algonquin Road, Suite L
Arlington Heights, IL 60005
Phone: 800-283-9522
Fax: 847-290-9034
E-mail: sportflr@connorfloor.com
www.connorfloor.com

Horner Flooring Company, Inc.

P.O. Box 380
23400 Hellman Ave.
Dollar Bay, MI 49922
Phone: 800-380-0119
Fax: 906-482-6115
E-mail: info@hornerflooring.com
www.hornerflooring.com

Robbins, Inc.

4777 Eastern Avenue
Cincinnati, OH 45226
Phone: 800-543-1913
Fax: 513-871-7998
E-mail: info@robbinsfloor.com
www.robbinsfloor.com

W•D Flooring, LLC

P.O. Box 368
Laona, WI 54541
Phone: 877-674-2210
Fax: 715-674-4411
E-mail: info@wdflooring.com
www.wdflooring.com

“In over twenty years of specifying hardwood gym floors in schools, I have never had to reject a single piece of MFMA flooring for any reason.”

—Joe Elliott
Little & Associates, Architects | Charlotte, North Carolina



Maple Flooring Manufacturers Association 111 Deer Lake Road, Suite 100 Deerfield, IL 60015 USA
Phone: 888-480-9138 | Fax: 847-480-9282 | E-mail: mfma@maplefloor.org | Web Site: www.maplefloor.org

The Sports Flooring Authority



University of Wisconsin - Green Bay, Aacer Flooring, LLC—Aacer Flex BP



Oklahoma City University, Action Flooring Systems, LLC—Action Interloc System

FREE TECHNICAL DATA

Complete grading rules for Random Length Strip, Finger Jointed Strip and Parquet flooring are published by MFMA for reference by architects and specifiers. Grading permits selection of MFMA maple flooring according to use and budget.

MFMA offers a library of information on the manufacture, installation and maintenance of MFMA maple flooring. Literature is available at no charge to architects and specifiers. DVDs are also available for a nominal fee.

LITERATURE

AIA/CES Northern Hard Maple Flooring – The Multipurpose Surface
AIA/CES How to Properly Specify Maple Athletic Floors
AIA/CES Wood Sports Floors: Minimizing Damaging Effects
Guide Specifications for Maple Flooring Systems
Incidence of Injury Study: Maple Flooring vs. Synthetic (A Summary of Findings)
Study to Determine Life Cycle Costing For Sports Flooring (includes Life Cycle Cost Analysis Worksheet)
Industry Recommendations: Sanding, Sealing, Court Lining, Finishing and Resurfacing Maple Gym Floors
Athletic Flooring Sealer and Finish Specifications and Conformance List
Taking Care of Your MFMA Maple Sports Floor (wall chart)
Taking Care of Your MFMA Maple Sports Floor (pocket size)
MFMA Sports Floors Northern Hard Maple – Grading Rules (Full Color Brochure)
Grading Rules for MFMA Northern Hard Maple – Parquet Flooring
MFMA Northern Hard Maple Residential Information (Full Color Brochure)
MFMA Maple Flooring – Today's Preferred Sports Surface
Northern Hard Maple vs. Bamboo – Who Is Really Sustainable?
MFMA Sourcebook

VIDEOS

“Playing For Keeps”

– A bilingual (English and Spanish) training guide for proper care and maintenance of MFMA maple sports floors (9:49 min). Available in DVD or VHS formats.

“Your Next Sports Floor, Things You Should Know”

– Owners and end-users talk about MFMA maple sports floors (12:04 min). Available in VHS format.

I found the assistance and the technical data from MFMA to be valuable...and I was grateful to the contractor for working closely with us from the very outset.

—Frank Fernandez, AIA
Architect for the Recreation Center of West New York, New Jersey

MFMA MAPLE: TODAY'S SPORTS SURFACE

Sports flooring differs immensely from floors designed for any other purpose. Because the needs of athletes come first, performance, safety and comfort are inherent characteristics. Floor design can focus on a specific activity, say aerobics versus basketball, or on multiple purposes to suit the exact need of a facility or application: gymnasiums; handball, squash and racquetball courts; basketball and volleyball courts; health and fitness clubs; international Olympic facilities; professional sports arenas; aerobic/dance exercise facilities; dance floors; auditoriums and convention centers; church and religious facilities; primary and secondary schools; colleges and universities; corporate exercise facilities; YWCA/YMCA's; family life centers; roller skating rinks; theater and performance stages; or commercial, industrial and residential applications.

Time and time again, athletes, performers, coaches, trainers, owners and architects who design floors cite maple as their preferred sports surface. In fact, maple shows up on 70-percent** of the sports floors installed in the U.S. And, the most preferred variety, northern hard maple from MFMA manufacturers, accounts for 58-percent** of all U.S. sports floors—over 17 million square feet—installed each year.

Northern hard maple has been called nature's perfect flooring surface. MFMA maple is produced from trees grown north of the 35th parallel where shorter growing seasons produce maple with closer,

more uniform grain. In a floor, northern hard maple exhibits flexibility, resilience, durability, finishability and low-demand maintenance.

Athletic performance is enhanced by its hard—but—resilient character. Resilient subfloor systems enhance maple's natural shock absorption and area of elasticity. And, the surface provides dependably uniform grip and traction to the athlete. Safety is vastly enhanced by these same characteristics as documented in a study*** which showed that athletes were 70-percent more likely to sustain a floor—related injury on a synthetic floor than on a maple floor.

MFMA maple's life cycle cost is surprisingly less than that of synthetics.* Life cycle cost comparisons reflect original installed price plus manufacturer-recommended maintenance over a 30 year floor life:

Northern hard maple	79¢ / sq. ft. / year
Poured urethane	\$1.10 / sq. ft. / year
PVC	\$1.15 / sq. ft. / year

A maple surface requires considerably less maintenance and most of it can be done "in-house" without special equipment.

Northern hard maple was first used in sports flooring nearly 150 years ago. From the beginning, it was evident, however, that even "nature's perfect flooring" needed a little help if consistently outstanding floors were to be built. Consistent quality became the mission of a handful of producers who, in 1897, formed the Maple Flooring Manufacturers Association — the



Kansas University, Connor Sports Floors—Rezillchannel



Michigan State University Breslin Center, Horner Flooring Company—
Horner Pro-King Portable System



UK Memorial Coliseum, Robbins, Inc.–Bio Channel® Classic



University of Nebraska, W•D Flooring-Sportable System

MFMA. Their purpose was to research and develop the best procedures for the selection and grading of the wood. Over time, a set of strict, self-imposed manufacturing standards evolved for members which they adopted in pursuit of consistent quality. The association established itself as the authoritative source of technical and general information on sports flooring. Equally important, the MFMA established installation and maintenance standards to help its contractor members deliver and assure a product that lives up to its promises.

More than 150 MFMA Sport Floor Contractor members and distributors worldwide follow procedures affecting the handling, storing and installation of MFMA maple. MFMA Mill Manufacturers continuously develop and test various subflooring systems in order to maximize athletic performance on maple sports surfaces. To top it all off, the MFMA publishes a list of tested, recommended floor finishes which are designed to optimize athletic performance while enhancing the legendary durability of the maple playing surface.

MFMA Sport Floor Contractors are uniquely equipped to assist architects and facility owners with the design and construction of new athletic facilities, renovations and sports floor replacements.

An MFMA mill number is embossed into the back of every strip of MFMA maple. It is your guarantee that strictly enforced MFMA grading rules and quality standards have been painstakingly followed in the production of each strip of flooring. It assures the wood

has been kiln dried to 6-percent to 9-percent moisture content which makes it dimensionally stable before manufacturing begins. It assures that the finished maple strip has been milled to consistently exact tolerances as mandated by the MFMA.

* 1994, Ducker Research Company, Inc.

** 1991, Ducker Research Company, Inc.

*** 1988, Ducker Research Company, Inc.

“We are very pleased with the athletic performance on our MFMA floors in our varsity basketball arena, intramural gym and dance studio...we have found MFMA maple to be very aesthetically pleasing.”

—Barbara Bickford
Associate Director of Athletics, Brandeis University

SELECT MFMA SHOWCASE INSTALLATIONS

2008 Beijing Olympics - Capital Gymnasium	Harvard University, Cambridge, MA
2008 NBA Outdoor Game (1st ever), Phoenix Suns and Denver Nuggets, Phoenix, AZ	Krilatskoe Olympic Training Center – Moscow
2008 NBA China Games, Beijing, Shanghai and Macao	Milwaukee Bucks, Milwaukee, WI
2008 NBA European Live Tour, O ² Arena, London, England	The Naismith Memorial Basketball Hall of Fame, Springfield, MA
2008 Summer Olympics, Beijing Olympic Center, Beijing, People’s Republic of China	Northgate High School - Newnan, Georgia
2010 Olympics (Richmond Olympic Oval)	The Ohio State University, Columbus, OH
Asian Games, Doha, Qatar	Phoenix Suns, Phoenix, AZ
Auburn University	Ruidoso High School - Ruidoso, New Mexico
Aurora HealthCare - DePere, Wisconsin	Texas A&M
Charlotte Bobcats, Uptown Charlotte Arena, Presbyterian Hospital Training Center	United States Naval Academy, Student Rec Center, Annapolis, MD
Chicago Bulls, Chicago, IL	University of Arizona Basketball Training Center, Phoenix, AZ
Cleveland Cavaliers	University of California at Irvine
Coe College - Cedar Rapids, Iowa	University of Central Florida, Student Rec and Wellness Center, Orlando, FL
Davidson Day School - Lexington, North Carolina	University of Florida, Gainesville, FL
Davis & Elkins College - Elkins, West Virginia	University of Illinois, Student Recreation Center, Urbana, IL
Detroit Pistons, Detroit, MI	University of Kentucky, Lexington, KY
European Basketball Championships, Podgorica, Montenegro	Vanderbilt University
Faulkner University - Montgomery, Alabama	Wake Forest University, Winston-Salem, NC
Fort Walton Beach High School - Fort Walton Beach, Florida	Washington State University, Bohler Gymnasium, Pullman, WA
Gonzaga University, Spokane, WA	Youth Commonwealth Games, Pune, India

For a complete list of showcase installations, contact any MFMA Manufacturer listed in this brochure.

